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VISUALIZATION PLATFORMS

SELECTION GUIDE



MESSAGE DISPLAYS

**OPERATOR INTERFACE
TERMINALS**

**INDUSTRIAL
COMPUTERS
AND MONITORS**



At Rockwell Automation, we understand that your automation system needs to provide the right information at the right time on an operator interface that best suits the demands of your application. Our line of Allen-Bradley visualization solutions offers message displays, portable HMIs, graphics terminals, as well as industrial computers and monitors to meet your application's requirements.

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Integrated Architecture

These products are part of Rockwell Automation's Integrated Architecture. Our Integrated Architecture can provide scalable solutions to improve and sustain your competitive advantage for the full range of automation disciplines including sequential, motion, process control, drive control, safety and information.

Unlike traditional architectures, the Integrated Architecture reduces total cost of ownership by using a single control infrastructure for the entire range of factory automation applications, large or small. This enables you to reuse engineering designs and practices to reduce development time and cost, quickly respond to customer or market demands, reduce maintenance costs and downtime and easily access plant and production data from business systems for better management decision-making.

Additional Resources

Resource	Description
http://www.rockwellautomation.com/solutions/integratedarchitecture/index.html	The Integrated Architecture home page offers a description of the benefits that Rockwell Automation's integrated architecture for a full range of automation disciplines.
http://www.rockwellautomation.com/solutions/integratedarchitecture/resources.html	The Resource Tools page offers tools, such as sample code, common configuration drawings and videos that can help you maximize your use of the integrated architecture.

Selection Checklist

Use the following checklist as a guide to select your visualization products. Use a spreadsheet to record the results. Refer to page 93 for examples.

✓	Step	See	Page
	<p>1 Select visualization platform type</p> <p>Determine dedicated or open hardware platform and type of device within the platform.</p> <ul style="list-style-type: none"> • Dedicated HMI - Message Display • Dedicated HMI - Graphic Terminal • Open Platform - Windows CE • Open Platform - Windows XP 	Select a Visualization Platform	page 4
	<p>2 Select visualization product</p> <p>Select the appropriate visualization product within the platform type. Selection criteria can include:</p> <ul style="list-style-type: none"> • Display size • Operator input • Communication network • Power 	<p>Message Displays InView</p> <p>Graphic Terminals PanelView Plus PanelView Standard PanelView 'e'</p> <p>Windows CE VersaView CE</p> <p>Windows XP VersaView Computers and Monitors</p>	<p>page 7</p> <p>page 13</p> <p>page 26</p> <p>page 38</p> <p>page 44</p> <p>page 54</p>
	<p>3 Determine cable requirements</p> <p>Use the tables in this guide to determine the appropriate cable(s) for application downloads and runtime communication to controllers.</p>	<p>Upload/Download Cables Runtime Communication Cables PanelView Plus/VersaView CE PanelView Standard PanelView 'e' InView</p>	<p>page 80</p> <p>page 82</p> <p>page 86</p> <p>page 89</p> <p>page 90</p>

Step 1 - Select:

- Visualization platform type

Select a Visualization Platform

Rockwell Automation offers a variety of dedicated and open visualization platforms. Choosing the right platform depends on the type of operation you need from the system. To help you decide, let's take a closer look at each platform.

Dedicated Platform	Open Platform
Simplicity	Flexibility
Optimized for machine level HMI	Multiple uses beyond HMI
Secured / Focused purpose	Value-added possibilities
Longevity / Stability over time	Latest technology

Dedicated Platform

Dedicated platforms provide operators with a window into their process, using graphics, text messages, or both. These robust devices are fully packaged (hardware, software, and communications) and tested for HMI operation. Simply download your configured application file, set appropriate communication parameters, connect the communication cables, and they're ready for operation, with minimal start-up.

Dedicated platforms are optimized for machine level interface, providing tight integration with the control system. They replace traditional wired panels as the input and output mechanism for operator interaction with one or more machines. Dedicated HMI devices may be networked with other HMI devices and also connected to a supervisory system for a plantwide configuration. They are available in a broad range of display sizes and input configurations to match the particular needs of the application.

Dedicated platforms are also protected from untested third party applications; only factory-qualified applications can be loaded. So don't expect to use these devices for purposes beyond what they've been designed for. Do expect consistent performance, with minimal platform changes. As platforms change, expect a migration path that offers quick and easy replacement, while maintaining your current HMI application needs.

Dedicated Platform Types	Rockwell Automation Products
<p>Message Displays</p> <ul style="list-style-type: none"> • Panel mount and large format versions with viewing distances up to 137 m / 450 ft (module dependent) • Text messages - alarm conditions, safety alerts, production status, general information • No shutdown procedure for power removal • No Windows OS knowledge required for operation 	InView Message Displays
<p>Graphic Terminals</p> <ul style="list-style-type: none"> • Rugged packages with high shock, vibration, and temperature ratings • Run single graphic HMI application, for example, RSVIEW Machine Edition software • No shutdown procedure for power removal • No Windows OS knowledge required for operation 	PanelView Plus Operator Interface PanelView Standard Operator Interface PanelView 'e' Operator Interface

Open Platform

Open platforms are designed with flexibility in mind. These customized platforms let you install multiple software packages, as well as integrate third party hardware to meet specific application needs. However, with flexibility, comes user responsibility for operation and interoperability between the hardware components and software programs installed. If you are unsure of hardware and software compatibility, choose a platform with pre-installed software that is tested for interoperability and performance at the factory. Once installed and in operation, any additional hardware or software could impact the performance if not properly integrated.

While an embedded platform is optimized for machine level HMI, an open platform can be used for purposes beyond traditional HMI applications. For instance, combine it with logic software for a PC-based control system. Or expand a standard software application with third-party ActiveX controls, Visual Basic programs, or other Windows-based software packages, for a specialized value-added solution. As with any open system, security against unwanted or untested software applications is up to the user.

Open platforms use the latest commercial technology, such as microprocessors and motherboards, to meet application software requirements and maintain expected system performance. Computer platforms that integrate commercial technology from the desktop market will typically change every 3 to 18 months, depending on the component. Whereas computers that use components from the embedded market change less frequently, as lifecycles of these components are typically 3 years or more. The type of computer to use is dependent on the applications you install and the operation you expect from the system.

Whether you choose a dedicated or open platform solution from Rockwell Automation, your investment is protected.

Open Platform Types	Rockwell Automation Products
Windows CE Devices <ul style="list-style-type: none"> • Hybrid of industrial computer and dedicated HMI terminal • Solid state design - no rotating media • Higher environmental standards • No shutdown required for power removal • Run multiple applications designed for the specific CE device, for example, RSVIEW ME software, Internet Explorer, Terminal Services for thin-client • Windows OS knowledge required for maintenance 	VersaView CE Terminals
Industrial Computers <ul style="list-style-type: none"> • Flexible Windows OS platforms • Run multiple Windows-based applications (for example, RSVIEW ME, RSVIEW SE, Terminal Services, SoftLogix 5800, RSBizware) • Shutdown procedure required for power removal • Windows OS and computer knowledge typically required for field configuration, upgrades, and maintenance 	VersaView Industrial Computers and Monitors

Step 2 - Select:

- *Visualization product within platform type*

Select a Visualization Product

Once you have determined the platform type, you need to select the appropriate visualization product based on your application requirements. Each product family has specific selection criteria to determine the right product. Selection guidelines are provided at the beginning of each product family section.

For information on:	See page:
InView Message Displays	page 7
PanelView Plus Operator Interface	page 13
PanelView Standard Operator Interface	page 26
PanelView 'e' Operator Interface	page 38
VersaView CE Industrial Computers	page 44
VersaView Industrial Computers and Monitors	page 54

InView Selection Guidelines

- Select display size and type
- Determine communication and select communication module (if applicable)
- Select configuration software
- Select program and runtime cables

Select an InView Message Display



InView Message Displays are panel mount and large format displays for visually communicating information to groups or at a distance across the entire factory floor. Whether it's process alarming, safety messages, inventory or process data, or thanking the team, InView displays deliver the right information at the right time to the right place. Choose from eleven different models offering varying display lines, character sizes, LED colors, font types and messaging effects.

Benefits

- Red or tri-color (red, green, amber) LEDs with varying character size, font type and messaging effects provide highly visible messages up to 137 m (450 ft).
- Preferred compatibility to Rockwell Automation logic controllers and networks.
- Onboard memory makes message triggering easy.
- Dynamic messaging, with the use of embedded variables, for real-time information.
- Easy-to-use configuration software package for developing and testing messages.
- ActiveX control, used with any ActiveX container such as RSView32 software, enhances graphical HMI messaging.
- Panel Mount display fits panel dimensions of older Dataliner (DL10, DL20, DL40, and DL40 Plus) 2-line displays.

Software

Develop messages on a PC with the InView Messaging Software (2706-PSW1), a user-friendly and intuitive Microsoft Windows software package with WYSIWYG functionality. Within a simple configuration environment, you can quickly set up your communication network and easily develop messages with varying attributes.

- Message colors
- Font size and format
- Embedded process variables
- Message attributes

Communication

InView Message Displays have the most extensive communication options in the industry. Whether you are connecting to an Allen-Bradley controller, third party controller or a PC-based system, InView has a solution.

InView Message Displays come standard with RS-232 and RS-485 communications for quick and easy integration. For applications requiring industrial or commercial networks, InView communication modules can be used to integrate your display into new and existing networks.

InView Communication Modules

Network	Communication Module		
	2706-P22R	2706-P42R, -P42C, -P44R, -P44C	2706-P72CN1, -P72CN2, -P74CN1, -P74CN2, -P92C, -P94C
DeviceNet	2706-PDNETP	2706-PDNETM	2706-PDNETK
ControlNet	2706-PCNETP	2706-PCNETM	2706-PCNETK
EtherNet/IP	2706-PENETP	2706-PENETM	2706-PENETK
Remote I/O	2706-PRIOP	2706-PRIOM	2706-PRIOK
DH-485	2706-PDH485P	2706-PDH485M	2706-PDH485K
DH+	2706-PDHPP	2706-PDHPM	2706-PDHPK
Ethernet TCP/IP	*	2706-PENET1	

* Rockwell Automation recommends using a third party DIN Rail mounted Ethernet TCP/IP solution with the InView P22R Panel Mount Display. Lantronix and Digi both supply a DIN Rail Ethernet TCP/IP solution for connectivity to a personal computer.

Controller Based Communications

Use InView's communication modules to trigger messages, update variables, and download message applications over industrial networks for connection into new and existing control environments.

- **Point-to-point RS-232 Serial** supports serial communications from a single controller to a single InView display with a limited distance of 50 ft.
- **Multi-drop RS-485 Serial** supports serial communications from a single controller to multiple InView displays using an AIC+ module (RS-232 to RS-485 converter).
- **Industrial Networks** allow InView communications with controllers over DeviceNet, ControlNet, EtherNet/IP, Data Highway Plus, DH-485, and Remote I/O using the communication modules.

PC Based Communications

Use InView's PC-based communications to download message files and trigger message/update variables on an InView display. This is done using the InView Messaging Software, the Instant Messenger, or the InView ActiveX Control added to a VBA project or container. With the InView Messaging Software you can create, download and trigger messages. The Instant Messenger is typically used to trigger messages. The ActiveX Control allows you to create custom applications using a VBA environment such as RSView32 software. This provides the most flexibility when creating an application to drive an InView display.

- **Ethernet TCP/IP** allows InView display integration into Information System and Supervisory Control PC-based systems. Using an existing office network, information can be communicated to the entire factory.
- **Point-to-Point RS-232 Serial** PC-based communications using InView Messaging Software, Instant Messenger, or ActiveX control in RSView32 software.
- **Multi-drop RS-485 Serial** supports serial communications from a single PC to multiple InView displays using an AIC+ module (RS-232 to RS-485 converter).

Specifications

Cat. No. 2706-	P22R	P42R, P42C * P44R, P44C *	P72CN2 * P74CN2 *	P92C * P94C *
Display				
Display Description	LED Matrix			
Display Type	Red LED Matrix	Red LED Matrix or Tri-Color LED Matrix	Tri-Color LED Matrix	
Display Area (WxH)	30 x 5 cm (12 x 2 in)	91.4 x 12.2 cm (36 x 4.8 in)* 183 x 12.2 cm (72 x 4.8 in)*	91.4 x 18.3 cm (36 x 7.2 in)* 152.4 x 18.3 cm (60 x 7.2 in)*	91.4 x 24.4 cm (36 x 9.6 in)* 183 x 24.4 cm (72 x 9.6 in)*
Pixel Array	120 x 7	120 x 16 or 240 x 16	120 x 24 or 200 x 24	120 x 32 or 240 x 32
Pixel Spacing (Center to Center)	2.54 mm (0.1 in)	7.62 mm (0.3 in)		
Number of Lines	2	1...2	1...4	1...5
Character Size	1.8 cm (0.7 in)	1 line/12.2 cm (4.8 in) 2 line/5.3 cm (2.1 in)	1 line/18.3 cm (7.2 in) 2 line/7.6 cm (3.0 in) 3 line/5.3 cm (2.1 in) 4 line/3.8 cm (1.5 in)	1 line/24.4 cm (9.6 in) 2 line/11.4 cm (4.5 in) 3 line/7.6 cm (3.0 in) 4 line/5.3 cm (2.1 in) 5 line/3.8 cm (1.5 in)
Characters per Line	20	1 line/12; 2 line/20* 1 line/24; 2 line/40*	1 line/12; 2-3 line/20; 4 line/24* 1 line/20; 2-3 line/33; 4 line/40*	1-3 line/13; 4 line/20; 5 line/24* 1-3 line/26; 4 line/33; 5 line/40*
Character Set	Standard and Extended ASCII			
Viewing Distance	7.6 m (25 ft)	60 m (200 ft)	100 m (350 ft)	137 m (450 ft)
Electrical				
Input Voltage, DC	18...30V dc, 0.5 A at 18V dc	—		
Input Voltage, AC	—	120...240V ac, 50...60 Hz		
Communication Modules				
Communication Type	Remote I/O, DH-485, DH+, DeviceNet, ControlNet, Ethernet			
Mounting Options	DIN Rail	Back-mounted	Internal	Internal
Power Source	External 24V dc	From Display	From Display	From Display
Series	A or later	C or later	C or later	C or later
Environmental				
Operating Temperature	0...55 °C (32...131 °F)	0...50 °C (32...122 °F)		
Relative Humidity	5...95% without condensation			
Ratings	NEMA Type 4, 4X (indoor use only)	NEMA Type 12	NEMA Type 4, 4X (indoor use only)	Nema Type 12, 13
Certifications	UL, C-UL, Class 1 Division 2, CE marked, C-Tick	ETL, CE marked, C-Tick		UL, C-UL, Class 1 Division 2, CE marked, C-Tick
Mechanical				
Weight	0.85 kg (1.87 lb)	12.7 kg (28 lb) 22.7 kg (50 lb)	27.2 kg (60 lb) 36.3 kg (80 lb)	32 kg (70 lb) 64 kg (140 lb)
Dimensions (HxWxD)	6 x 36 x 11 cm 2.43 x 14.40 x 4.38 in	14 x 103 x 20 cm 5.50 x 40.38 x 7.88 in* 14 x 194 x 20 cm 5.50 x 76.38 x 7.88 in*	15 x 107 x 35 cm 6.0 x 42.25 x 13.75 in* 15 x 168 x 35 cm 6.0 x 66.25 x 13.75 in*	40 x 105 x 13 cm 15.90 x 41.19 x 5.25 in* 40 x 196 x 13 cm 15.90 x 77.20 x 5.25 in*

* Available as 91.44 cm (3 ft) enclosure
 * Available as 182.88 cm (6 ft) enclosure

Product Selection

InView Message Displays

Cat. No.	Description
2706-P22R	InView Message Display, 2 lines, 20 characters, Red LEDs, NEMA Type 4X
2706-P42R	InView Message Display, 1 or 2 lines, 12 or 20 characters, 4.8 or 2.1 in high, Red LEDs, NEMA Type 12
2706-P42C	InView Message Display, 1 or 2 lines, 12 or 20 characters, 4.8 or 2.1 in high, Tri-Color LEDs, NEMA Type 12
2706-P44R	InView Message Display, 1 or 2 lines, 24 or 40 characters, 4.8 or 2.1 in high, Red LEDs, NEMA Type 12
2706-P44C	InView Message Display, 1 or 2 lines, 24 or 40 characters, 4.8 or 2.1 in high, Tri-Color LEDs, NEMA Type 12
2706-P72CN2	InView Message Display, 1...4 lines, 12...24 characters, 7.2...1.5 in high, Tri-Color LEDs, NEMA Type 4
2706-P74CN2	InView Message Display, 1...4 lines, 20...40 characters, 7.2...1.5 in high, Tri-Color LEDs, NEMA Type 4
2706-P72CN1	InView Message Display, 1...4 lines, 12...24 characters, 7.2...1.5 in high, Tri-Color LEDs, NEMA Type 4X
2706-P74CN1	InView Message Display, 1...4 lines, 20...40 characters, 7.2...1.5 in high, Tri-Color LEDs, NEMA Type 4X
2706-P92C	InView Message Display, 1...5 lines, 13...24 characters, 9.6...1.5 in high, Tri-Color LEDs, NEMA Type 12, 13
2706-P94C	InView Message Display, 1...5 lines, 26...48 characters, 9.6...1.5 in high, Tri-Color LEDs, NEMA Type 12, 13

Product Accessories

InView Software

Cat. No.	Description
2706-PSW1	InView Messaging Software with ActiveX Control

Enclosure

Cat. No.	Description
2706-NE1	NEMA Type 12/13 Enclosure for 2706-P22R Display

Adapter Plate

Cat. No.	Description
2706-PNR2	Adapter Plate for Installing a 2706-P22R Display in a DL40 4-Line Display panel opening.

InView DeviceNet Communication Modules

Cat. No.	Description
2706-PDNETP	InView DeviceNet Communication Module for 2706-P22R Displays; 24V dc, DIN Rail Mount
2706-PDNETM	InView DeviceNet Communication Module for 2706-P4x Displays; Mounts on Back of Display
2706-PDNETK	InView DeviceNet Communication Module for 2706-P7x, -P9x Displays; Mounts Inside Display

InView ControlNet Communication Modules

Cat. No.	Description
2706-PCNETP	InView ControlNet Communication Module for 2706-P22R Displays; 24V dc, DIN Rail Mount
2706-PCNETM	InView ControlNet Communication Module for 2706-P4x Displays; Mounts on Back of Display
2706-PCNETK	InView ControlNet Communication Module for 2706-P7x, -P9x Displays; Mounts Inside Display

InView EtherNet/IP Communication Modules

Cat. No.	Description
2706-PENETP	InView EtherNet/IP Communication Module for 2706-P22R Displays; 24V dc, DIN Rail Mount
2706-PENETM	InView EtherNet/IP Communication Module for 2706-P4x Displays; Mounts on Back of Display
2706-PENETK	InView EtherNet/IP Communication Module for 2706-P7x, -P9x Displays; Mounts Inside Display

InView Remote I/O Communication Modules

Cat. No.	Description
2706-PRIOIP	InView Remote I/O Communication Module for 2706-P22R Displays; 24V dc, DIN Rail Mount
2706-PRIOIM	InView Remote I/O Communication Module for 2706-P4x Displays; Mounts on Back of Display
2706-PRIOK	InView Remote I/O Communication Module for 2706-P7x, -P9x Displays; Mounts Inside Display

InView DH+ Communication Modules

Cat. No.	Description
2706-PDHPP	InView DH+ Communication Module for 2706-P22R Displays; 24V dc, DIN Rail Mount
2706-PDHPM	InView DH+ Communication Module for 2706-P4x Displays; Mounts on Back of Display
2706-PDHPK	InView DH+ Communication Module for 2706-P7x, -P9x Displays; Mounts Inside Display

InView DH-485 Communication Modules

Cat. No.	Description
2706-PDH485P	InView DH-485 Communication Module for 2706-P22R Displays; 24V dc, DIN Rail Mount
2706-PDH485M	InView DH-485 Communication Module for 2706-P4x Displays; Mounts on Back of Display
2706-PDH485K	InView DH-485 Communication Module for 2706-P7x, -P9x Displays; Mounts Inside Display

InView Ethernet TCP/IP Communication Modules

Cat. No.	Description
2706-PENET1	InView Ethernet TCP/IP Communication Module

See Step 3, Determining Cable Requirements, for cable configuration details.

InView Cables/Interface Modules

Cat. No.	Description
2706-PCABLE1	InView Program/Download Cable
1747-PIC	Personal Computer Interface Converter converts RS-232 signals to/from DH-485 signals
1747-C10	DH-485 Operating/Programming Cable 1.8 m (6 ft)
1747-C11	DH-485 Operating/Programming Cable .3 m (1 ft)
1747-C20	DH-485 Operating/Programming Cable 6 m (20 ft)
1761-NET-AIC	MicroLogix Advanced Interface Converter Module
2711-NC13	RS-232 Operating/Programming Cable, 9-Pin D Shell to 9-Pin D Shell, 5 m (16.4 ft)
2711-NC14	RS-232 Operating/Programming Cable, 9-Pin D Shell to 9-Pin D Shell, 10 m (32.7 ft)
2711-NC21	RS-232 Operating Cable, 9-Pin D Shell to 8-Pin Mini DIN, 5 m (16.4 ft)
2711-NC22	RS-232 Operating Cable, 9-Pin D Shell to 8-Pin Mini DIN, 15 m (49 ft)
2706-NC13	RS-232 Operating Cable, 9-pin D Shell to 9-Pin D Shell, 3 m (10 ft)

PanelView Plus Selection Guidelines

- *Select display size*
- *Select operator input: keypad, touch, keypad/touch (model dependent)*
- *Select communications*
- *Determine memory requirements (based on application)*
- *Determine power requirements*
- *Select configuration software*
- *Select program and runtime cables*
- *Select optional accessories*

Select a PanelView Plus Operator Interface



Move your applications into the future with PanelView Plus operator interface. PanelView Plus is ideal for applications with a need to monitor, control, and display information graphically, allowing operators to quickly understand the status of their application. Part of the ViewAnyWare strategy, PanelView Plus is programmed with RSVIEW Studio and has RSVIEW Machine Edition functionality.

PanelView Plus provides maximum flexibility, enabling OEMs, system integrators, and end users to select, modify, or upgrade components to meet changing application requirements.

Benefits

- Provides maximum flexibility, inventory reduction, and easy upgrades.
- Communicates through multiple ports.
- Integrated with RSVIEW Machine Edition for advanced functionality including trending, expressions, data logging, advanced graphics, and direct browsing of Logix addresses.
- Includes Keypad, Touch Screen, or Keypad/Touch Screen combination terminals for convenient and flexible operator input choices.
- Features a 1250 High-Bright display module for outdoor installations.
- Provides 700 and 1250 conformally coated configurations for harsh environments.
- Offers field replaceable bezels and backlights with a life expectancy of 50,000 hours to reduce maintenance expenses.
- Includes compact flash card slot for transferring files, logging data, or system upgrades.
- Offers easy migration from existing PanelView Standard and PanelView 'e' platforms.
- Includes complete package for immediate startup.
- Offers unit level immediate exchange program to reduce downtime.

Key Functionality

- **Standard Operator Elements:** Push buttons, indicators, numeric displays, alphanumeric data entry, gauges and graphs.
- **Trending:** Create time-based or x-y plot of up to 8 pens per trend.
- **Expressions:** Modify data based on conditions using If/Then/Else statements and mathematical functions including log and sine.
- **Data logging:** Record up to 300,000 values of a single record locally or on a remote drive.
- **Parameters:** Reduce screen development time by reusing a single screen with multiple sets of data.
- **Multiple port communications:** ControlNet Unscheduled, DH+, DH-485, DF1 serial, DH-485 serial, EtherNet/IP plus multi-vendor PLC communications support.
- **Direct browsing:** Browse ControlLogix, FlexLogix, CompactLogix, SoftLogix 5000 and RSLogix 5000 addresses, eliminating the need to create or import tags.

PanelView Plus 400 and 600

PanelView Plus 400 and 600 terminals combine a 4 or 6-inch display, logic module, memory, and AC or DC power together as the base unit. The base units are available in two versions:

- **RS-232 Only:** Built-in RS-232 communication port, USB port, and compact flash slot for file transfers and data logging.
- **Standard Communications:** Built-in Ethernet and RS-232 communication ports, USB port and compact flash slot for file transfers and data logging. This base unit also supports an interface for other network communication modules.

The PanelView Plus 400 displays are (320 x 240) grayscale with keypad input. The PanelView Plus 600 displays are (320 x 240) grayscale or color, and available in keypad, analog touch screen or keypad/touch versions. These terminals offer:

- Unique mounting mechanism requiring only a single die-cut and no special tools for installation.
- Replaceable bezel ID labels for custom terminal or system identification.
- Function Key Legend kit and software for customizing the function key legends of the PanelView Plus 600 keypad terminals.

PanelView Plus 700 to 1500

PanelView Plus 700, 1000, 1250, and 1500 terminals use additional modular components allowing for flexible configuration, installation, and upgrades. Items can be ordered as separate components or factory assembled per your configuration.

The field replaceable 6.5, 10.4, 12.1, and 15.1-inch color flat panel displays are available in keypad, analog touch screen or keypad/touch versions. If outdoor use is important, a high-bright touch version of the 12.1-inch display is available. Plus, the 6.5 and 12.1-inch displays have conformally coated options for harsh environments. The function keys on the keypad versions are re-legendable with tools to assist with printing text.

The memory, logic module, and communication modules are usable across the entire product range. Designed for easy installation, all of these devices can be installed with minimal effort using only a screwdriver.

The logic module comes standard with these features.

- Ethernet and RS-232 built-in communication ports
- Two USB ports for mouse and keyboard support
- AC or DC power input
- Compact flash slot for transferring files, logging data, or system upgrades

Both the internal storage and RAM memory of the logic module can be upgraded in the field. As the system architecture evolves, an optional communication module can be added or changed after installation. For obsolete configured units (2711P-xxxxBx), the DIN Rail AC to DC power supply (2711P-RSACDIN) is available as an accessory.

Communication

PanelView Plus terminals support multiple communications. The built-in Ethernet and RS-232 serial ports support EtherNet/IP, DF1 serial, DH-485 serial, and multi-vendor serial and Ethernet options using KEPServer drivers. Optional communication modules can be pre-configured with the terminals or added/changed after installation.

Communication Port	Pre-Assembled Terminals						Communication Module
	PVPlus 400	PVPlus 600	PVPlus 700	PVPlus 1000	PVPlus 1250	PVPlus 1500	
RS-232 only (base)	Yes	Yes	N/A	N/A	N/A	N/A	
Ethernet & RS-232 (base)	Yes	Yes	Yes	Yes	Yes	Yes	
RS-232 Isolated	*	*	N/A	N/A	N/A	N/A	2711P-RN22C (400/600)
DH-485	Yes	Yes	Yes	Yes	Yes	Yes	2711P-RN3 (400/600) 2711P-RN6 (700-1500)
DH+	Yes*	Yes	Yes	Yes	Yes	Yes	2711P-RN8 (400/600) 2711P-RN6 (700-1500)
Remote I/O‡	Yes*	Yes	Yes	Yes	Yes	Yes	2711P-RN1 (400/600) 2711P-RN6 (700-1500)
ControlNet	‡	‡	Yes	Yes	Yes	Yes	2711P-RN15C (400-600) 2711P-RN15S (700-1500)
DeviceNet	‡	‡	‡	‡	‡	‡	2711P-RN10C (400-600) 2711P-RN10H (700-1500)

* PanelView Plus 400 and 600 offer an isolated RS-232 communication module. This option is not pre-assembled. Select the Ethernet & RS-232 base unit (2711P-xxx20x) and the 2711P-RN22C module.

* PanelView Plus 400 supports DH+ and Remote I/O communications. These options are not pre-assembled. Select the Ethernet & RS-232 base unit (2711P-K4M20x) and the DH+ (2711P-RN8) or Remote I/O (2711P-RN1) communication module.

‡ PanelView Plus 400 and 600 terminals are not available with ControlNet and DeviceNet as pre-assembled options. Select a base unit and the ControlNet (2711P-RN15C) or DeviceNet (2711P-RN10C) communication module. PanelView Plus 700 to 1500 terminals are not available with DeviceNet as a pre-assembled option. Select a base unit and the DeviceNet communication module (2711P-RN10H).

§ PanelView Plus 400 and 600 terminals support single rack Remote I/O communications.

Software

PanelView Plus is configured with RSView Studio and has integrated RSView Machine Edition functionality. RSView Studio is available in two versions. RSView Studio for Machine Edition is for developing Machine Edition projects only. RSView Studio for RSView Enterprise configures both Machine Edition and Supervisory Edition for distributed multi-server/multi-client applications. Both software packages support PanelView Plus application development. Application projects can be developed and tested in RSView Studio before downloading to the PanelView Plus saving development time.

For a complete list of available HMI software, see page 75 or visit www.software.rockwell.com

Cat. No.	Description
9701-VWSTMENE	RSView Studio Development Software for RSView Machine Edition
9701-VWSTENE	RSView Studio Development Software for RSView Enterprise Series

You can import PanelView Standard/PanelBuilder32 and PanelView 'e' applications into RSView Studio as Machine Edition applications using the Machine Edition Import Wizard. The Import Wizard steps you through a few options such as scaling to a new screen resolution size, and then converts objects, text, tags and communication configurations to ones that are available in Machine Edition.

Product Migration

Consider both the display size and the unit size, when migrating to a new operator interface. PanelView Plus uses the same cutouts as existing PanelView products, yet offers a larger display. For instance, a PanelView Plus 1250 with a 12.1-inch display fits into the same cutout as a PanelView 1000 or 1000e with a 10.4-inch display. When maintaining the same screen size, adapter plates are available to accommodate the new PanelView Plus cutout.

Existing Terminal	Drop-in Replacement	With an Adapter Plate
PanelView 550, 600 Touch	PanelView Plus 600 Touch PanelView Plus 400 Keypad	Not Required
PanelView 550 Keypad or Keypad/Touch	PanelView Plus 600 Keypad or Keypad/Touch	PanelView Plus 400 Keypad or 600 Touch
PanelView 600 Keypad or Keypad/Touch	PanelView Plus 700 Keypad or Keypad/Touch	PanelView Plus 600 Keypad or Keypad/Touch
PanelView 900	PanelView Plus 1000	PanelView Plus 700
PanelView 1000, 1000e	PanelView Plus 1250	PanelView Plus 1000
PanelView 1200, 1200e CRT Touch	Not Available	PanelView Plus 1000 * PanelView Plus 1250 ‡
PanelView 1200, 1200e CRT Keypad	PanelView Plus 1500‡	PanelView Plus 1250
PanelView 1400, 1400e CRT	PanelView Plus 1500‡	PanelView Plus 1250
RAC6182: 7.7-inch Color	Not Available	PanelView Plus 700 or VersaView CE 700H* PanelView Plus 1000 or VersaView CE 1000H*
RAC6182: 12.1-inch Color	PanelView Plus 1250 or VersaView CE 1250H	PanelView Plus 1000 or VersaView CE 1000H*

* Check for availability.
 ‡ Requires modification of cutout.
 † Adapter plate required for stud mounted PanelViews.

Specifications

PanelView Plus	400 Monochrome Keypad Only	600 Grayscale Keypad, Keypad/Touch, Touch	600 Color Keypad, Keypad/Touch, Touch
Display			
Display Description	Monochrome Passive Matrix FSTN		Color Active Matrix TFT
Display Size	3.8 inch	5.5 inch	
Display Area (WxH)	78 x 59 mm 3.07 x 2.32 in	111 x 84 mm 4.37 x 3.30 in	
Resolution	320 x 240, 32-level Grayscale		320 x 240, 18-bit Color Graphics
Backlight	LED	CCFL, 50 000 H	
Real-time Clock	Battery-backed time clock timestamps critical data		
Application Memory	64 MB/64 MB, Not Expandable (for bitmaps or recording data) 10 MB (for application storage)		
Touch Screen			
Touch Screen Description	—	Analog resistive	
Keypad			
Keypad Description	Poly-domed membrane	Stainless steel domed membrane	
Function Keys	8 (F1...F8)	10 (F1...F10)	
Electrical			
Communication Ports	RS-232 and 1 USB only or Ethernet, RS-232, 1 USB plus optional DH-485, DH+, Remote I/O, ControlNet (Scheduled and Unscheduled), or DeviceNet Module *		
Input Voltage, DC	18...30V dc (24V dc nominal)		
Power Consumption, DC	25 Watts max. (1.0 A at 24V dc)		
Input Voltage, AC	85...264V ac, 47...63 Hz		
Power Consumption, AC	60 VA max.		
Application Software	RSView Studio for Machine Edition or Enterprise Series		
Environmental			
Operating Temperature	0...55 °C (32...131 °F)		
Storage Temperature	-25...70 °C (-13...158 °F)		
Relative Humidity	5...95% without condensation		
Shock, Operating	15 g at 11 ms		
Shock, Non-Operating	30 g at 11 ms		
Vibration	0.012 in p-p, 10...57 Hz 2 g peak, 57...500 Hz		
Ratings*	NEMA Type 12, 13, 4X, IP54, IP65		
Certifications	C-UL certified; UL listed; CE marked; Class I Div 2, Groups A, B, C, D; Class II Div 2, Groups F, G; Class III, Div I; C-Tick		
Weight			
Keypad or Key/Touch	562 g (1.24 lb)	930 g (2.05 lb)	
Touch	—	789 g (1.74 lb)	
Dimensions			
Keypad (HxWxD) or Key/Touch	152 x 185 x 90 mm 6.0 x 7.28 x 3.54 in	167 x 266 x 98 mm 6.58 x 10.47 x 3.86 in	
Touch Screen (HxWxD)	—	152 x 185 x 98 mm 6.0 x 7.28 x 3.86 in	
Cutout Dimensions			
Keypad (HxW) or Key/Touch	123 x 156 mm 4.86 x 6.15 in	142 x 241 mm 5.61 x 9.50 in	
Touch Screen (HxW)	—	123 x 156 mm 4.86 x 6.15 in	

* Check for availability of NEMA Type 4X outdoor rating

* DeviceNet and ControlNet require RSView Machine Edition 4.0 or higher.

	700 Color	1000 Color	1250 Color *	1500 Color
PanelView Plus	Keypad, Keypad/Touch, Touch			
Display				
Display Description	Color Active Matrix TFT			
Display Size	6.5 inch	10.4 inch	12.1 inch	15 inch
Display Area (WxH)	132 x 99 mm 5.2 x 3.9 in	211 x 158 mm 8.3 x 6.2 in	246 x 184 mm 9.7 x 7.2 in	304 x 228 mm 12.0 x 9.0 in
Resolution	640 x 480, 18-bit Color Graphics		800 x 600 18-bit Color Graphics	1024 x 768, 18-bit Color Graphics
Backlight	50 000 h - field replaceable			
Luminance *	300 cd/m ² (Nits)			
Real-time Clock	Battery-backed time clock timestamps critical data			
Application Memory	Standard: 64 MB/64 MB; Extended: 128 MB/128 MB (for full color bitmaps or recording data) Standard: Approx. 25 MB Flash; Extended: 115 MB (for application storage)			
Touch Screen				
Touch Screen Description	Analog resistive			
Keypad				
Keypad Description	Stainless steel domed membrane			
Function Keys	22 (F1...F10, K1...K12)	32 (F1...F16, K1...K16)	40 (F1...F20, K1...K20)	40 (F1...F20, K1...K20)
Electrical				
Communication Ports	Ethernet, RS-232, 2 USB plus optional DH+/DH-485/Remote I/O, ControlNet (Scheduled and Unscheduled), or DeviceNet module ‡			
Input Voltage, AC	85...264V ac, 47...63 Hz			
Power Consumption, AC	160 VA max			
Input Voltage, DC	18...32V dc (24V dc nominal)			
Power Consumption, DC	70 Watts (2.9 A at 24V dc)			
Application Software	RSView Studio for Machine Edition or Enterprise Series			
Environmental				
Operating Temperature	0...55 °C (32...131 °F)			
Storage Temperature	-25...70 °C (-13...158 °F)			
Relative Humidity	5...95% without condensation			
Shock, Operating	15 g at 11 ms			
Shock, Non-Operating	30 g at 11 ms			
Vibration	0.012 in p-p, 10...57 Hz 2 g peak, 57...500 Hz			
Ratings*	NEMA Type 12, 13, 4X, IP54, IP65			
Certifications *	C-UL certified; UL listed; CE marked; Class I Div 2, Groups A, B, C, D; Class II Div 2, Groups F, G; Class III, Div I; C-Tick			
Weight				
Keypad or Key/Touch	1.9 kg (4.2 lb)	2.9 kg (6.3 lb)	3.4 kg (7.6 lb)	4.6 kg (10.0 lb)
Touch	1.7 kg (3.8 lb)	2.6 kg (5.7 lb)	3.2 kg (7.1 lb)	4.2 kg (9.3 lb)
Dimensions				
Keypad (HxWxD) or Key/Touch	193 x 290 x 55mm 7.58 x 11.40 x 2.18 in	248 x 399 x 55 mm 9.77 x 15.72 x 2.18 in	282 x 416 x 55 mm 11.12 x 16.36 x 2.18 in	330 x 469 x 65 mm 12.97 x 18.46 x 2.55 in
Touch Screen (HxWxD)	179 x 246 x 55 mm 7.04 x 9.68 x 2.18 in	248 x 329 x 55 mm 9.77 x 12.97 x 2.18 in	282 x 363 x 55 mm 11.12 x 14.30 x 2.18 in	330 x 416 x 65 mm 12.97 x 16.37 x 2.55 in
Cutout Dimensions				
Keypad (HxW) or Key/Touch	167 x 264 mm 6.57 x 10.39 in	224 x 375 mm 8.8 x 14.75 in	257 x 390 mm 10.11 x 15.35 in	305 x 419 mm 12.0 x 16.5 in
Touch Screen (HxW)	154 x 220 mm 6.08 x 8.67 in	224 x 305 mm 8.8 x 12.0 in	257 x 338 mm 10.11 x 13.29 in	305 x 391 mm 12.0 x 15.4 in

* 1250 High-Bright touch screen (Cat. No. 2711P-RDT12H) is available for outdoor installations. The brightness is over 1000 cd/m² and the backlight is not replaceable. Certifications include Class I, Zone 2, Group IIC.

* Check for availability of NEMA Type 4X outdoor rating.

‡ DeviceNet requires RSView Machine Edition 4.0 or higher.

Product Selection

PanelView Plus 400 Grayscale

Description	Cat. No. Keypad
3.8-inch Grayscale Display, RS-232 Communications Only, DC Input	2711P-K4M5D
3.8-inch Grayscale Display, RS-232 Communications Only, AC Input	2711P-K4M5A
3.8-inch Grayscale Display, Ethernet, RS-232, & Modular Communications Interface, DC Input	2711P-K4M20D
3.8-inch Grayscale Display, Ethernet, RS-232 & Modular Communications Interface, AC Input	2711P-K4M20A
3.8-inch Grayscale Display, Ethernet, RS-232 & DH-485 Modular Communications, DC Input	2711P-K4M3D
3.8-inch Grayscale Display, Ethernet, RS-232 & DH-485 Modular Communications, AC Input	2711P-K4M3A

PanelView Plus 600 Grayscale

Description	Cat. No.		
	Keypad	Touch	Keypad/Touch
5.5-inch Grayscale Display, RS-232 Communications Only, DC Input	2711P-K6M5D	2711P-T6M5D	2711P-B6M5D
5.5-inch Grayscale Display, RS-232 Communications Only, AC Input	2711P-K6M5A	2711P-T6M5A	2711P-B6M5A
5.5-inch Grayscale Display, Ethernet, RS-232 & Modular Communications Interface, DC Input	2711P-K6M20D	2711P-T6M20D	2711P-B6M20D
5.5-inch Grayscale Display, Ethernet, RS-232 & Modular Communications Interface, AC Input	2711P-K6M20A	2711P-T6M20A	2711P-B6M20A
5.5-inch Grayscale Display, Ethernet, RS-232 & DH-485 Modular Communications, DC Input	2711P-K6M3D	2711P-T6M3D	2711P-B6M3D
5.5-inch Grayscale Display, Ethernet, RS-232 & DH-485 Modular Communications, AC Input	2711P-K6M3A	2711P-T6M3A	2711P-B6M3A
5.5-inch Grayscale Display, Ethernet, RS-232 & DH+ Modular Communications, DC Input	2711P-K6M8D	2711P-T6M8D	2711P-B6M8D
5.5-inch Grayscale Display, Ethernet, RS-232 & DH+ Modular Communications, AC Input	2711P-K6M8A	2711P-T6M8A	2711P-B6M8A
5.5-inch Grayscale Display, Ethernet, RS-232 & Remote I/O Modular Communications, DC Input	2711P-K6M1D	2711P-T6M1D	2711P-B6M1D
5.5-inch Grayscale Display, Ethernet, RS-232 & Remote I/O Modular Communications, AC Input	2711P-K6M1A	2711P-T6M1A	2711P-B6M1A

PanelView Plus 600 Color

Description	Cat. No.		
	Keypad	Touch	Keypad/Touch
5.5-inch Color TFT Display, RS-232 Communications Only, DC Input	2711P-K6C5D	2711P-T6C5D	2711P-B6C5D
5.5-inch Color TFT Display, RS-232 Communications Only, AC Input	2711P-K6C5A	2711P-T6C5A	2711P-B6C5A
5.5-inch Color TFT Display, Ethernet, RS-232 & Modular Communications Interface, DC Input	2711P-K6C20D	2711P-T6C20D	2711P-B6C20D
5.5-inch Color TFT Display, Ethernet, RS-232 & Modular Communications Interface, AC Input	2711P-K6C20A	2711P-T6C20A	2711P-B6C20A
5.5-inch Color TFT Display, Ethernet, RS-232 & DH-485 Modular Communications, DC Input	2711P-K6C3D	2711P-T6C3D	2711P-B6C3D
5.5-inch Color TFT Display, Ethernet, RS-232 & DH-485 Modular Communications, AC Input	2711P-K6C3A	2711P-T6C3A	2711P-B6C3A
5.5-inch Color TFT Display, Ethernet, RS-232 & DH+ Modular Communications, DC Input	2711P-K6C8D	2711P-T6C8D	2711P-B6C8D
5.5-inch Color TFT Display, Ethernet, RS-232 & DH+ Modular Communications, AC Input	2711P-K6C8A	2711P-T6C8A	2711P-B6C8A
5.5-inch Color TFT Display, Ethernet, RS-232 & Remote I/O Modular Communications, DC Input	2711P-K6C1D	2711P-T6C1D	2711P-B6C1D
5.5-inch Color TFT Display, Ethernet, RS-232 & Remote I/O Modular Communications, AC Input	2711P-K6C1A	2711P-T6C1A	2711P-B6C1A

PanelView Plus 700 Color

Description	Cat. No.		
	Keypad	Touch	Keypad/Touch
6.5-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 64 MB Flash/64 MB RAM	2711P-K7C4D1	2711P-T7C4D1	2711P-B7C4D1
6.5-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM*	2711P-K7C4D2	2711P-T7C4D2	2711P-B7C4D2
6.5-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 64 MB Flash/64 MB RAM	2711P-K7C4A1	2711P-T7C4A1	2711P-B7C4A1
6.5-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 128 MB Flash/128 MB RAM*	2711P-K7C4A2	2711P-T7C4A2	2711P-B7C4A2
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 64 MB Flash/64 MB RAM	2711P-K7C6D1	2711P-T7C6D1	2711P-B7C6D1
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 128 MB Flash/128 MB RAM*	2711P-K7C6D2	2711P-T7C6D2	2711P-B7C6D2
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 64 MB Flash/64 MB RAM	2711P-K7C6A1	2711P-T7C6A1	2711P-B7C6A1
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 128 MB Flash/128 MB RAM*	2711P-K7C6A2	2711P-T7C6A2	2711P-B7C6A2
6.5-inch TFT Display, ControlNet & Standard Communications, DC Input, 64 MB Flash/64 MB RAM	2711P-K7C15D1	2711P-T7C15D1	2711P-B7C15D1
6.5-inch TFT Display, ControlNet & Standard Communications, DC Input, 128 MB Flash/128 MB RAM*	2711P-K7C15D2	2711P-T7C15D2	2711P-B7C15D2
6.5-inch TFT Display, ControlNet & Standard Communications, AC Input, 64 MB Flash/64 MB RAM	2711P-K7C15A1	2711P-T7C15A1	2711P-B7C15A1
6.5-inch TFT Display, ControlNet & Standard Communications, AC Input, 128 MB Flash/128 MB RAM*	2711P-K7C15A2	2711P-T7C15A2	2711P-B7C15A2

* Select extended memory option for projects with memory intensive (18-bit color) bitmaps, historical trending, or data logging.

PanelView Plus 700 Color Conformally Coated

Cat. No.	Description
2711P-T7C4D2K	PanelView Plus 700 Touch Screen Display, Conformally Coated, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM

PanelView Plus 1000 Color

Description	Cat. No.		
	Keypad	Touch	Keypad/Touch
10.4-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 64 MB Flash/64 MB RAM	2711P-K10C4D1	2711P-T10C4D1	2711P-B10C4D1
10.4-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM*	2711P-K10C4D2	2711P-T10C4D2	2711P-B10C4D2
10.4-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 64 MB Flash/64 MB RAM	2711P-K10C4A1	2711P-T10C4A1	2711P-B10C4A1
10.4-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 128 MB Flash/128 MB RAM*	2711P-K10C4A2	2711P-T10C4A2	2711P-B10C4A2
10.4-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 64 MB Flash/64 MB RAM	2711P-K10C6D1	2711P-T10C6D1	2711P-B10C6D1
10.4-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 128 MB Flash/128 MB RAM*	2711P-K10C6D2	2711P-T10C6D2	2711P-B10C6D2
10.4-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 64 MB Flash/64 MB RAM	2711P-K10C6A1	2711P-T10C6A1	2711P-B10C6A1
10.4-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 128 MB Flash/128 MB RAM*	2711P-K10C6A2	2711P-T10C6A2	2711P-B10C6A2
10.4-inch TFT Display, ControlNet & Standard Communications, DC Input, 64 MB Flash/64 MB RAM	2711P-K10C15D1	2711P-T10C15D1	2711P-B10C15D1
10.4-inch TFT Display, ControlNet & Standard Communications, DC Input, 128 MB Flash/128 MB RAM*	2711P-K10C15D2	2711P-T10C15D2	2711P-B10C15D2
10.4-inch TFT Display, ControlNet & Standard Communications, AC Input, 64 MB Flash/64 MB RAM	2711P-K10C15A1	2711P-T10C15A1	2711P-B10C15A1
10.4-inch TFT Display, ControlNet & Standard Communications, AC Input, 128 MB Flash/128 MB RAM*	2711P-K10C15A2	2711P-T10C15A2	2711P-B10C15A2

* Select extended memory option for projects with memory intensive (18-bit color) bitmaps, historical trending, or data logging.

PanelView Plus 1250 Color

Description	Cat. No.		
	Keypad	Touch	Keypad/Touch
12.1-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 64 MB Flash/64 MB RAM	2711P-K12C4D1	2711P-T12C4D1	2711P-B12C4D1
12.1-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM*	2711P-K12C4D2	2711P-T12C4D2	2711P-B12C4D2
12.1-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 64 MB Flash/64 MB RAM	2711P-K12C4A1	2711P-T12C4A1	2711P-B12C4A1
12.1-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 128 MB Flash/128 MB RAM*	2711P-K12C4A2	2711P-T12C4A2	2711P-B12C4A2
12.1-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 64 MB Flash/64 MB RAM	2711P-K12C6D1	2711P-T12C6D1	2711P-B12C6D1
12.1-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 128 MB Flash/128 MB RAM*	2711P-K12C6D2	2711P-T12C6D2	2711P-B12C6D2
12.1-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 64 MB Flash/64 MB RAM	2711P-K12C6A1	2711P-T12C6A1	2711P-B12C6A1
12.1-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 128 MB Flash/128 MB RAM*	2711P-K12C6A2	2711P-T12C6A2	2711P-B12C6A2
12.1-inch TFT Display, ControlNet & Standard Communications, DC Input, 64 MB Flash/64 MB RAM	2711P-K12C15D1	2711P-T12C15D1	2711P-B12C15D1
12.1-inch TFT Display, ControlNet & Standard Communications, DC Input, 128 MB Flash/128 MB RAM*	2711P-K12C15D2	2711P-T12C15D2	2711P-B12C15D2
12.1-inch TFT Display, ControlNet & Standard Communications, AC Input, 64 MB Flash/64 MB RAM	2711P-K12C15A1	2711P-T12C15A1	2711P-B12C15A1
12.1-inch TFT Display, ControlNet & Standard Communications, AC Input, 128 MB Flash/128 MB RAM*	2711P-K12C15A2	2711P-T12C15A2	2711P-B12C15A2

* Select extended memory option for projects with memory intensive (18-bit color) bitmaps, historical trending, or data logging.

PanelView Plus 1250 Color Conformally Coated

Cat. No.	Description
2711P-T12C4D2K	PanelView Plus 1250 Touch Screen Display, Conformally Coated, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM

PanelView Plus 1500 Color

Description	Cat. No.		
	Keypad	Touch	Keypad/Touch
15-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 64 MB Flash/64 MB RAM	2711P-K15C4D1	2711P-T15C4D1	2711P-B15C4D1
15-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM*	2711P-K15C4D2	2711P-T15C4D2	2711P-B15C4D2
15-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 64 MB Flash/64 MB RAM	2711P-K15C4A1	2711P-T15C4A1	2711P-B15C4A1
15-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 128 MB Flash/128 MB RAM*	2711P-K15C4A2	2711P-T15C4A2	2711P-B15C4A2
15-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 64 MB Flash/64 MB RAM	2711P-K15C6D1	2711P-T15C6D1	2711P-B15C6D1
15-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 128 MB Flash/128 MB RAM*	2711P-K15C6D2	2711P-T15C6D2	2711P-B15C6D2
15-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 64 MB Flash/64 MB RAM	2711P-K15C6A1	2711P-T15C6A1	2711P-B15C6A1
15-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 128 MB Flash/128 MB RAM*	2711P-K15C6A2	2711P-T15C6A2	2711P-B15C6A2
15-inch TFT Display, ControlNet & Standard Communications, DC Input, 64 MB Flash/64 MB RAM	2711P-K15C15D1	2711P-T15C15D1	2711P-B15C15D1
15-inch TFT Display, ControlNet & Standard Communications, DC Input, 128 MB Flash/128 MB RAM*	2711P-K15C15D2	2711P-T15C15D2	2711P-B15C15D2
15-inch TFT Display, ControlNet & Standard Communications, AC Input, 64 MB Flash/64 MB RAM	2711P-K15C15A1	2711P-T15C15A1	2711P-B15C15A1
15-inch TFT Display, ControlNet & Standard Communications, AC Input, 128 MB Flash/128 MB RAM*	2711P-K15C15A2	2711P-T15C15A2	2711P-B15C15A2

* Select extended memory option for projects with memory intensive (18-bit color) bitmaps, historical trending, or data logging.

Product Accessories

Display Modules

Cat. No.	Description
2711P-RDK7C	PanelView Plus 700 Color Keypad Display Module
2711P-RDT7C	PanelView Plus 700 Color Touch Screen Display Module
2711P-RDT7CK	PanelView Plus 700 Conformally Coated Color Touch Screen Display Module
2711P-RDB7C	PanelView Plus 700 Color Keypad/Touch Display Module
2711P-RDK10C	PanelView Plus 1000 Color Keypad Display Module
2711P-RDT10C	PanelView Plus 1000 Color Touch Screen Display Module
2711P-RDB10C	PanelView Plus 1000 Color Keypad/Touch Display Module
2711P-RDK12C	PanelView Plus 1250 Color Keypad Display Module
2711P-RDT12CK	PanelView Plus 1250 Conformally Coated Color Touch Screen Display Module
2711P-RDT12C	PanelView Plus 1250 Color Touch Screen Display Module
2711P-RDB12C	PanelView Plus 1250 Color Keypad/Touch Display Module
2711P-RDT12H	PanelView Plus 1250 Color High-Bright Touch Screen Display Module
2711P-RDK15C	PanelView Plus 1500 Color Keypad Display Module
2711P-RDT15C	PanelView Plus 1500 Color Touch Screen Display Module
2711P-RDB15C	PanelView Plus 1500 Color Keypad/Touch Display Module

Communication Modules

Cat. No.	Description
2711P-RN6	DH+/DH-485/Remote I/O Communication Module for PanelView Plus 700-1500 & VersaView CE 700H-1500H
2711P-RN10H	DeviceNet Communication Module for PanelView Plus 700-1500 & VersaView CE 700H-1500H
2711P-RN15S	ControlNet Scheduled and Unscheduled Communication Module for PanelView Plus 700-1500 & VersaView CE 700H-1500H
2711P-RN1	Single Rack Remote I/O Communication Module for PanelView Plus 400 and 600
2711P-RN3	DH-485 Communication Module for PanelView Plus 400 and 600
2711P-RN8	DH+ Communication Module for PanelView Plus 400 and 600
2711P-RN10C	DeviceNet Communication Module for PanelView Plus 400 and 600
2711P-RN15C	ControlNet Scheduled and Unscheduled Communication Module for PanelView Plus 400 and 600
2711P-RN22C	RS-232 Isolated Communication Module for PanelView Plus 400 and 600

Logic Modules for PanelView Plus 700 - 1500

Cat. No.	Description
2711P-RP	PanelView Plus Logic Module without Flash/RAM Memory, DC Input
2711P-RPA	PanelView Plus Logic Module without Flash/RAM Memory, AC Input
2711P-RP1	PanelView Plus Logic Module with 64 MB Flash/64 MB RAM, DC Input
2711P-RP1A	PanelView Plus Logic Module with 64 MB Flash/64 MB RAM, AC Input
2711P-RP2	PanelView Plus Logic Module with 128 MB Flash/128 MB RAM, DC Input
2711P-RP2A	PanelView Plus Logic Module with 128 MB Flash/128 MB RAM, AC Input
2711P-RP2K	PanelView Plus Conformally Coated Logic Module with 128 MB Flash/128 MB RAM, DC Input
2711P-RP3	PanelView Plus Logic Module with 256 MB Flash/256 MB RAM, DC Input
2711P-RP3A	PanelView Plus Logic Module with 256 MB Flash/256 MB RAM, AC Input

Internal Compact Flash Cards for PanelView Plus 700 - 1500

Cat. No.	Description
2711P-RW1	64 MB Internal Compact Flash Card with RSView Machine Edition
2711P-RW2	128 MB Internal Compact Flash Card with RSView Machine Edition
2711P-RW3	256 MB Internal Compact Flash Card with RSView Machine Edition

RAM Memory for PanelView Plus 700 - 1500

Cat. No.	Description
2711P-RR64	64 MB SODIMM Memory
2711P-RR128	128 MB SODIMM Memory
2711P-RR256	256 MB SODIMM Memory

Firmware Upgrade Kits for PanelView Plus 700 - 1500

Cat. No.	Description
2711P-RU310	PanelView Plus Media Kit includes Firmware Upgrade Wizard, 1 Firmware License, Certificate of Authenticity, End User License Agreement.
2711P-RUA310	PanelView Plus Advanced Media Kit includes 6189-RU310 Media Kit, PCMCIA to Compact Flash Adapter, 32 MB Compact Flash Card.
2711P-RUL01	Firmware Upgrade License Kit with (1) PanelView Plus Firmware License.
2711P-RUL05	Firmware Upgrade License Kit with (5) PanelView Plus Firmware Licenses.
2711P-RUL10	Firmware Upgrade License Kit with (10) PanelView Plus Firmware Licenses.
2711P-RUL25	Firmware Upgrade License Kit with (25) PanelView Plus Firmware Licenses.
2711P-RUL50	Firmware Upgrade License Kit with (50) PanelView Plus Firmware Licenses.

Power Supply

Cat. No.	Description
2711P-RSACDIN	DIN Rail Mount AC to DC Power Supply for PanelView Plus 700-1500, 85...265V ac, 47...63 Hz

External Compact Flash Cards (Blank)

Cat. No.	Description
2711P-RC2	128 MB Blank Compact Flash Card
2711P-RC3	256 MB Blank Compact Flash Card
2711P-RC4	512 MB Blank Compact Flash Card
2711P-RCH	Compact Flash to PCMCIA Adapter

Function Key Legend Inserts (Blank)

Cat. No.	Description
2711P-RFK6	PanelView Plus 600 Keypad Printable Blank Legends and SW
2711P-RFK7	PanelView Plus 700 & VersaView CE 700H Keypad Printable Blank Legends and SW
2711P-RFK10	PanelView Plus 1000 & VersaView CE 1000H Keypad Printable Blank Legends and SW
2711P-RFK12	PanelView Plus 1250 & VersaView CE 1250H Keypad Printable Blank Legends and SW
2711P-RFK15	PanelView Plus 1500 & VersaView CE 1500H Keypad Printable Blank Legends and SW

Backlight Replacements

Cat. No.	Description
2711P-RL7C	PanelView Plus 700 & VersaView CE 700H Color Backlight
2711P-RL10C	PanelView Plus 1000 & VersaView CE 1000H Color Backlight
2711P-RL12C	PanelView Plus 1250 & VersaView CE 1250H Color Backlight for Series A and B Displays
2711P-RL12C2	PanelView Plus 1250 & VersaView CE 1250H Color Backlight for Series C Displays
2711P-RL15C	PanelView Plus 1500 & VersaView CE 1500H Color Backlight for Series B Displays

Bezel Replacements

Cat. No.	Description
2711P-RBK7	Replacement Bezel for VersaView CE/PanelView Plus 700H/700 Keypad Terminals
2711P-RBT7	Replacement Bezel for VersaView CE/PanelView Plus 700H/700 Touch Screen Terminals
2711P-RBB7	Replacement Bezel for VersaView CE/PanelView Plus 700H/700 Keypad and Keypad/Touch Terminals
2711P-RBK10	Replacement Bezel for VersaView CE/PanelView Plus 1000H/1000 Keypad Terminals
2711P-RBT10	Replacement Bezel for VersaView CE/PanelView Plus 1000H/1000 Touch Terminals
2711P-RBB10	Replacement Bezel for VersaView CE/PanelView Plus 1000H/1000 Keypad and Keypad/Touch Terminals
2711P-RBK12	Replacement Bezel for VersaView CE/PanelView Plus 1250H/1250 Keypad Terminals
2711P-RBT12	Replacement Bezel for VersaView CE/PanelView Plus 1250H/1250 Touch Terminals
2711P-RBT12H	Replacement Bezel for VersaView CE/PanelView Plus 1250H/1250 Touch High-Bright Displays
2711P-RBB12	Replacement Bezel for VersaView CE/PanelView Plus 1250H/1250 Keypad and Keypad/Touch Terminals
2711P-RBK15	Replacement Bezel for VersaView CE/PanelView Plus 1500H/1500 Keypad Terminals
2711P-RBT15	Replacement Bezel for VersaView CE/PanelView Plus 1500H/1500 Touch Terminals
2711P-RBB15	Replacement Bezel for VersaView CE/PanelView Plus 1500H/1500 Keypad and Keypad/Touch Terminals

Antiglare Overlays

Cat. No. *	Description
2711P-RGK4	PanelView Plus 400 Keypad Antiglare Overlay
2711P-RGK6	PanelView Plus 600 Keypad or Keypad/Touch Antiglare Overlay
2711P-RGT6	PanelView Plus 600 Touch Antiglare Overlay
2711P-RGK7	PanelView Plus 700 & VersaView CE 700H Keypad or Keypad/Touch Antiglare Overlay
2711P-RGT7	PanelView Plus 700 & VersaView CE 700H Touch Antiglare Overlay
2711P-RGK10	PanelView Plus 1000 & VersaView CE 1000H Keypad or Keypad/Touch Antiglare Overlay
2711P-RGT10	PanelView Plus 1000 & VersaView CE 1000H Touch Antiglare Overlay
2711P-RGK12	PanelView Plus 1250 & VersaView CE 1250H Keypad or Keypad/Touch Antiglare Overlay
2711P-RGT12	PanelView Plus 1250 & VersaView CE 1250H Touch and High-Bright Touch Antiglare Overlay
2711P-RGK15	PanelView Plus & VersaView CE 1500/1500H Keypad or Keypad/Touch Antiglare Overlay
2711P-RGT15	PanelView Plus 1500 & VersaView CE 1500H Touch Antiglare Overlay

* All catalog numbers ship with a quantity of three overlays.

Communication Adapters

Cat. No.	Description
2711P-CBL-UP02	USB to PS/2 Adapter
1761-NET-AIC	MicroLogix Advanced Interface Converter Module
1747-AIC	Isolated Link Coupler for use with DH-485 Communication Modules (2711P-RNx) Isolated Link Coupler for Programmable Controller

Adapter Plates

Cat. No.	Description
2711P-RAK4	Adapts PanelView Plus 400 Keypad or 600 Touch to PanelView Standard 550 Keypad
2711P-RAK6	Adapts PanelView Plus 600 Keypad to PanelView Standard 600 Keypad
2711P-RAK7	Adapts PanelView Plus 700 & VersaView CE 700H Keypad or Keypad/Touch to PanelView Standard 900 Keypad
2711P-RAT7	Adapts PanelView Plus 700 & VersaView CE 700H Touch to PanelView Standard 900 Touch
2711P-RAK10	Adapts PanelView Plus 1000 & VersaView CE 1000H Keypad or Keypad/Touch to PanelView 1000/1000E Keypad
2711P-RAT10	Adapts PanelView Plus 1000 & VersaView CE 1000H Touch to PanelView 1000/1000E Touch
2711P-RAK15	Adapts PanelView Plus 1500 & VersaView CE 1500H Keypad or Keypad/Touch to PanelView 1200E/1400E Keypad
2711P-RAT15	Adapts PanelView Plus 1500 & VersaView CE 1500H Touch to PanelView 1200E/1400E Touch
2711P-RAK12E	Adapts a PanelView Plus 1250 & VersaView CE 1250H (or PV1000/1000E) Keypad or Keypad/Touch to PanelView 1200/1400E Keypad
2711P-RAT12E2	Adapts PanelView Plus 1250 & VersaView CE 1250H (or PV1000/1000E) Touch to PanelView 1200 Touch
2711P-RAT12E	Adapts PanelView Plus 1250 & VersaView CE 1250H (or PV1000/1000E) Touch to a PanelView 1200E/1400E Touch
2711P-RAK12S	Adapts PanelView Plus 1250 & VersaView CE 1250H (or PV1000/1000E) Keypad or Keypad/Touch to PanelView Standard 1400 Keypad
2711P-RAT12S	Adapts PanelView Plus 1250 & VersaView CE 1250H (or PV1000/1000E) Touch to PanelView Standard 1400 Touch

See Step 3, Determining Cable Requirements, for cable configuration details.

Cables

Cat. No.	Description
2711-NC13	RS-232 Operating/Programming Cable, 9-Pin D Shell to 9-Pin D Shell, 5 m (16.4 ft)
2711-NC14	RS-232 Operating/Programming Cable, 9-Pin D Shell to 9-Pin D Shell, 10 m (32.7 ft)
2711-NC17	Remote RS-232 Serial Cable
2711-NC21	RS-232 Operating Cable, 9-Pin D Shell to 8-Pin Mini DIN, 5 m (16.4 ft)
2711-NC22	RS-232 Operating Cable, 9-Pin D Shell to 8-Pin Mini DIN, 15 m (49 ft)
2711P-CBL-EX04	Ethernet CAT5 Crossover Industrial Cable, 4.3 m (14 ft)
2711P-CBL-US02	USB to Serial Network Interface Module (2 m)
2711P-CBL-UU02	USB Host-to-Host Data Transfer Cable (2 m)
1746-C10, -C11, -C20	DH-485 Network Interface Cable (SDL AMP to RJ45)
1761-CBL-AS03, -AS09	DH-485 Network Interface Cable (6-Pin Phoenix to RJ45)

Miscellaneous

Cat. No.	Description
2711P-RVT12	Solar Visor for PanelView Plus/VersaView CE 1250/1250H High Bright Display Module
2711P-RTFC	Mounting Levers for PanelView Plus 400 and 600 (Quantity 8)
2711P-RTMC	Mounting Clips for PanelView Plus 700-1500 and VersaView CE 700H-1500H (Quantity 8)
2711P-RCH	Compact Flash to PCMCIA Adapter
2711P-CBL-UP02	USB to PS/2 Adapter
2711P-RY2032	Replacement Battery for PanelView Plus 700-1500 and VersaView CE 700H-1500H
2711P-RVAC	AC Power Terminal Block for PanelView Plus 400 and 600 (Quantity 10)
2711-TBDC	DC Power Terminal Block for PanelView Plus 400/600 Terminals and PanelView Micro 300 (Quantity 10)
2711P-RTBDC3	DC Power Terminal Block for PanelView Plus 700-1500 and VersaView CE 700H-1500H Series A-D Logic Modules (Quantity 10)
2711P-RTBDC2	DC Power Terminal Block for PanelView Plus 700-1500 and VersaView CE 700H-1500H Series E and Later Logic Modules (Quantity 10)
2711P-RTBAC3	AC Power Terminal Block for PanelView Plus 700-1500 and VersaView CE 700H-1500H (Quantity 10)

PanelView Standard Selection Guidelines

- *Select display size*
- *Select operator input: keypad, touch, keypad/touch (model dependent)*
- *Select communications*
- *Determine power requirement*
- *Select configuration software*
- *Select program and runtime cables*
- *Select optional accessories*

Select a PanelView Standard Operator Interface

PanelView Standard operator terminals are engineered for maximum performance in space saving flat panel designs. These electronic operator interfaces feature pixel graphics capabilities and high-performance functionality in color, grayscale, and monochrome displays. The PanelView Standard family offers a complete line of rugged electronic operator interface solutions in a variety of sizes and configurations to meet specific application requirements, all with a rich collection of hardware and software features designed to simplify programming and improve operator productivity.

The high performance functionality of the PanelView Standard line includes advanced alarm handling, screen security, analog gauges, ATA PC memory card, universal language support, and online printing for more intuitive operator control.



Benefits

- Includes over 140 terminal combinations to fit any operator interface application.
- Preferred compatibility with Rockwell Automation logic controllers and networks.
- Offers Keypad, Touch Screen, or Keypad/Touch Screen combination terminals offer convenient and flexible choices for operator input.
- Uses extensive alarm capabilities for recording and displaying important data on triggered alarms using alarm lists and banners.
- Includes screen security restricts access to authorized operators by assigning security classifications to application screens.
- Displays application screens in over 46 languages to support local operator interaction. Up to 5 languages can be supported in a single application.
- Supports ATA PC Flash memory cards for fast application downloads, convenient storage of Universal Language Support fonts, and simplified firmware upgrades.
- Includes RS-232 printer port to print alarms, alarm lists, triggered messages and triggered states of a multi-state indicator.

Software

PanelBuilder32 software supports the entire family of PanelView Standard terminals, allowing easy conversion and reuse of existing applications. A 32-bit software package designed to operate on Microsoft Windows (including Windows 2000, ME, XP), PanelBuilder32 features an intuitive development environment to simplify application design, reduce development time, maximize performance, and improve productivity.

Configure screens quickly and easily using standard tools, objects, graphics, and imported bitmaps. Other time-saving advantages include cut/copy/paste and tag import/export capabilities in and between PanelView applications. In addition, multiple applications can be open at the same time.

Application files can be uploaded and downloaded directly, over the network, via a 'Pass Through' or 'Gateway' connection, or using an ATA PC memory card.

Functionality

Push Buttons/Selector	Screen Selectors	Data Entry
Switches Momentary NO, NC Maintained Latched Multistate Control List Selector	Screen Security GoTo Screen Button Previous Screen Button Screen Selector GoTo Config Screen Button	Numeric Keypad Cursor Point for Numeric Entry Keypad Enable for Numeric Entry Cursor Point for ASCII Entry Keypad Enable for ASCII Entry
Information Displays Analog Gauges Bar Graph Message Display Multistate/List Indicator Numeric Data Display Time and Date Displays ASCII Display Print Only Messages	Alarm Diagnostics Alarm Banner Alarm List - Active, History Clear Alarm List Button Print Alarm List Button Acknowledge Alarm Button Clear Alarm Button Print Alarm Button Acknowledge All Alarms Button	Graphics Line/Connected Line Rectangle/Circle/Ellipse Free Drawings ISA Symbols Custom Graphics Text Linear/Circular Scale Resizable Bitmaps

Communication

- **EtherNet/IP terminal** communicates with a PLC-5E, SLC-5/05, ENI module, and Logix 5000 controllers over the 1756-Ethernet bridge.
- **DeviceNet terminal** communicates at a device level on a DeviceNet link using Server Explicit, Client Explicit, I/O or Listen Only messaging. Also communicates with PLC, SLC 500, and ControlLogix controllers on the link using a DeviceNet Scanner Module and the DNI Module for DF1 devices.
- **ControlNet terminal** communicates with multiple controllers on a ControlNet network. Scheduled and unscheduled PLC-5/ControlLogix messages are supported using redundant cabling.
- **Data Highway Plus terminal** communicates with a single PLC, SLC 5/04 controller, ControlLogix system, or multiple controllers on the Allen-Bradley DH+ network. Direct access to controller data files minimizes ladder logic.
- **Remote I/O terminal** communicates with a PLC or SLC 500 controller, or a ControlLogix system on the 1771 Remote I/O network, supporting both discrete and block transfers of data.
- **DH-485 terminal** communicates with a single or multiple SLC 500 or MicroLogix controllers on the Allen-Bradley DH-485 network. It supports point-to-point or network transfers.
- **RS-232 (DH-485 protocol) terminal** communicates with MicroLogix and SLC 500 controllers using DH-485 protocol on point-to-point and networked configurations.
- **RS-232 (DF1 protocol) terminal** communicates with a single SLC 500, PLC or MicroLogix controller over a point-to-point DF1 link.

Specifications

PanelView Standard	300 Micro Keypad	300 Keypad
Display		
Display Description	Monochrome transreflective LCD with integral LED backlight	
Display Area (WxH)	73 x 42 mm (2.87 x 1.67 in)	
Resolution	128 x 64	
Backlight	100 000 h LED backlight life	
Real-time Clock	Battery-backed clock time stamps critical data	
Application Memory	170 K Application Runtime; 240 K Flash (application objects + text + bitmaps)	
ATA Memory Card	N/A	Supported
Touch Screen		
Actuation Rating, Touch	—	—
Touch Cells	—	—
Keypad		
Keypad Description	Stainless steel domed membrane	
Function Keys	4 (F1...F4)	8 (F1...F8)
Actuation Rating, Keys	2 000 000 presses	
Electrical		
Communication Ports	RS-232 (DH-485), RS-232 (DF1)	DeviceNet, DH-485, RS-232 (DH-485), RS-232 (DF1)
RS-232 Printer Port	—	1200, 2400, 9600, 19 200 K*
Input Voltage, AC	—	—
Power Consumption, AC	—	—
Input Voltage, DC	11...30V dc	18...32V dc
Power Consumption, DC	2.5 W max. (0.105 A @ 24V dc)	10 W max. (0.42 A @ 24V dc)
Environmental		
Operating Temperature	0...55 °C (32...131 °F)	
Storage Temperature	-20...85 °C (-4...185 °F)	-25...70 °C (-13...158 °F)
Relative Humidity	5...95% without condensation @ 0...55 °C (32...131 °F)	5...95% without condensation @ 0...30 °C (32...86 °F)
Ratings	NEMA Type 12, 13, 4X (indoor only), IP54, IP65	
Certifications	UL; C-UL; CE marked; Class 1 Div 2 Groups A,B,C,D; Class 1 Zone 2; Class II Div 2; Class III Div 1; C-Tick	
Weight		
Keypad	284 g (10 oz)	673 g (1.48 lb)
Touch	—	—
Dimensions		
Keypad (HxWxD)	133 x 111 x 48 mm 5.23 x 4.38 x 1.87 in	197 x 140 x 82 mm 7.76 x 5.53 x 3.21 in
Touch Screen (HxWxD)	—	—

* The PanelView 300 terminal with an RS-232 (DF1) Communication Port (2711-K3A17L1) does not have a printer port.

PanelView Standard		550 Keypad, Keypad/Touch	550 Touch (24V dc)
Display			
Display Description	Monochrome LCD Blue Mode Display		
Display Area (WxH)	120 x 60 mm (4.75 x 2.38 in)		
Resolution	256 x 128		
Backlight	100 000 h LED backlight life		
Real-time Clock	Battery-backed clock timestamps critical data		
Application Memory	170 K Application Runtime; 240 K Flash (application objects + text + bitmaps)		
ATA Memory Card	Supported		
Touch Screen			
Actuation Rating, Touch	1 000 000 presses		
Touch Cells	128		
Keypad			
Keypad Description	Stainless steel domed membrane		
Function Keys	10 (F1...F10)		
Actuation Rating, Keys	2 000 000 presses		
Electrical			
Communication Ports	EtherNet/IP, DeviceNet, ControlNet, DH+, Remote I/O, DH-485, RS-232 (DH-485), RS-232 (DF1)		
RS-232 Printer Port	1200, 2400, 9600, 19 200 K		
Input Voltage, AC	85...264V ac, 47...63 Hz		—
Power Consumption, AC	45V A maximum		
Input Voltage, DC	18...30V dc		18...32V dc
Power Consumption, DC	18 W max. (0.75 A @ 24V dc)		18 W max. (0.75 A @ 24V dc)
Environmental			
Operating Temperature	0...55 °C (32...131 °F)		
Storage Temperature	-20...70 °C (-4...158 °F)		
Relative Humidity	5...95% without condensation @ 0...30 °C (32...86 °F)		
Ratings	NEMA Type 12, 13, 4X (indoor only), IP54, IP65		
Certifications	UL; C-UL; CE marked; Class 1 Div 2 Groups A,B,C,D; Class 1 Zone 2; Class II Div 2; Class III Div 1; C-Tick		
Weight			
Keypad	1.2 kg (2.7 lb)		—
Touch			0.93 kg (2.1 lb)
Dimensions			
Keypad (HxWxD)	—		
Touch Screen (HxWxD)	167 x 266 x 106 mm		152 x 185 x 82 mm
	6.57 x 10.47 x 4.17 in		6.0 x 7.28 x 3.2 in

PanelView Standard	600 Color Keypad, Keypad/Touch	600 Color Touch (24V dc)
	Display	
Display Description	Color Active Matrix Thin Film Transistor (TFT)	
Display Area (WxH)	115 x 86 mm (4.54 x 3.4 in)	115 x 87 mm (4.54 x 3.43 in)
Resolution	320 x 234	320 x 240
Backlight	Field replaceable	—
Real-time Clock	Battery-backed clock time stamps critical data	
Application Memory	190 K Application Runtime; 240 K Flash (application objects + text + bitmaps)	
ATA Memory Card	Supported	
Touch Screen		
Touch Cells	128	
Actuation Rating, Touch	1 000 000 presses	
Keypad		
Keypad Description	Stainless steel domed membrane	—
Function Keys	10 (F1...F10)	—
Actuation Rating, Keys	2 000 000 presses	—
Electrical		
Communication Ports	EtherNet/IP, DeviceNet, ControlNet, DH+, Remote I/O, DH-485, RS-232 (DH-485), RS-232 (DF1)	
RS-232 Printer Port	1200, 2400, 9600, 19 200 K	
Input Voltage, AC	85...264V ac, 47...63 Hz	—
Power Consumption, AC	60V A maximum	—
Input Voltage, DC	18...32V dc	—
Power Consumption, DC	34 W max. (1.9 A @ 24V dc)	24 W max. (1.0 A @ 24V dc)
Environmental		
Operating Temperature	0...55 °C (32...131 °F)	0...50 °C (32...122 °F)
Storage Temperature	-25...70 °C (-13...158 °F)	
Relative Humidity	5...95% without condensation @ 0...55 °C (32...131 °F)	5...95% without condensation @ 0...40 °C (32...104 °F)
Ratings	NEMA Type 12, 13, 4X (indoor only), IP54, IP65	
Certifications	UL; C-UL; CE marked; Class 1 Div 2 Groups A,B,C,D; Class 1 Zone 2; Class II Div 2; Class III Div 1; C-Tick	
Weight		
Keypad	2.0 kg (4.4 lb)	—
Touch	—	1.0 kg (2.3 lb)
Dimensions		
Keypad (HxWxD)	192 x 290 x 116 mm	—
Touch Screen (HxWxD)	7.55 x 11.40 x 4.57 in	152 x 185 x 96 mm 6.0 x 7.28 x 3.80 in

PanelView Standard	1000 Grayscale	1000 Color
	Keypad, Touch	
Display		
Display Description	Black/White Monochrome	Color Active Matrix Thin Film Transistor (TFT)
Display Area (WxH)	211 x 158 mm (8.3 x 6.2 in)	
Resolution	640 x 480	
Backlight	Field replaceable	
Real-time Clock	Battery-backed clock timestamps critical data	
Application Memory	310 K Application Runtime; 1008 K Flash (application objects + text + bitmaps)	
ATA Memory Card	Supported	
Touch Screen		
Touch Cells	384	
Actuation Rating, Touch	1 000 000 presses	
Keypad		
Keypad Description	Stainless steel domed membrane	
Function Keys	16 (F1...F16)	
Actuation Rating, Keys	2 000 000 presses	
Electrical		
Communication Ports	EtherNet/IP, DeviceNet, ControlNet, DH+, Remote I/O, DH-485, RS-232 (DH-485), RS-232 (DF1)	
RS-232 Printer Port	1200, 2400, 9600, 19 200 K	
Input Voltage, AC	85...264V ac, 47...63 Hz	
Power Consumption, AC	55V A maximum	
Input Voltage, DC	18...32V dc	
Power Consumption, DC	24 W max. (1.0 A @ 24V dc)	
Environmental		
Operating Temperature	0...55 °C (32...131 °F)	
Storage Temperature	-25...70 °C (-13...158 °F)	
Relative Humidity	5...95% without condensation @ 0...55 °C (32...131 °F)	
Ratings	NEMA Type 12, 13, 4X (indoor only), IP54, IP65	
Certifications	UL; C-UL; Class 1 Div 2 Groups A,B,C,D; CE marked; Class II Div 2; Class III Div 1; C-Tick	
Weight		
Keypad	3.3 kg (7.2 lb)	3.7 kg (8.2 lb)
Touch	3.2 kg (7.0 lb)	3.6 kg (7.9 lb)
Dimensions		
Keypad (HxWxD)	282 x 423 x 112 mm 11.11 x 16.64 x 4.40 in	
Touch Screen (HxWxD)	282 x 370 x 112 mm 11.11 x 14.58 x 4.40 in	

Product Selection

PanelView 300 Monochrome Terminals - Keypad Only

Description	Cat. No. Keypad *
DH-485 Communication Ports ☼	2711-K3A2L1
RS-232 (DH-485) Communication Port ☼	2711-K3A5L1
DeviceNet Communication & RS-232 Port	2711-K3A10L1
RS-232 (DF1) Communication Port †	2711-K3A17L1

* PanelView 300 terminals are 18...30V dc only.

☼ Terminals with DH-485 communications require application file uploads/downloads through the communication port. The RS-232 printer port on these terminals is for printing only.

† This terminal does not have an RS-232 printer port. Use the communication port to upload/download application files.

PanelView 300 Micro Monochrome Terminals - Keypad Only

Description	Cat. No. Keypad ☼
RS-232 (DF1) Communication Port (8-Pin Mini DIN) *	2711-M3A18L1
RS-232 (DH-485) Communication Port (8-Pin Mini DIN) *	2711-M3A19L1

* These terminals do not have an RS-232 printer port. Use the communication port to upload/download application files.

☼ PanelView 300 Micro terminals are 18...30V dc only.

PanelView 550 Monochrome Terminals

Description	Cat. No.		
	Keypad ☼ † §	Touch ☼	Key & Touch ☼ † §
DH-485 Communication Ports *	2711-K5A2	2711-T5A2L1	2711-B5A2
DH-485 Communication & RS-232 Printer Port *	2711-K5A3	2711-T5A3L1	2711-B5A3
RS-232 (DH-485) Communication Port *	2711-K5A5	2711-T5A5L1	2711-B5A5
RS-232 (DH-485) Communication & RS-232 Printer Port *	2711-K5A9	2711-T5A9L1	2711-B5A9
Remote I/O Communication & RS-232 Printer Port	2711-K5A1	2711-T5A1L1	2711-B5A1
DH+ Communication & RS-232 Printer Port	2711-K5A8	2711-T5A8L1	2711-B5A8
DeviceNet Communication & RS-232 Printer Port	2711-K5A10	2711-T5A10L1	2711-B5A10
ControlNet Communication & RS-232 Printer Port	2711-K5A15	2711-T5A15L1	2711-B5A15
RS-232 (DF1) Communication & RS-232 Printer/Download Port	2711-K5A16	2711-T5A16L1	2711-B5A16
EtherNet/IP Communication & RS-232 Printer Port	2711-K5A20	2711-T5A20L1	2711-B5A20

* Terminals with DH-485 communications require application file uploads/downloads through the communication port. The RS-232 printer port on these terminals is for printing only.

☼ Add L1 to the Cat. No. to order a 550 Keypad or Keypad & Touch terminal with DC power instead of AC power (e.g., 2711-K5A10L1). PanelView 550 Touch Only terminals are 18...30V dc only.

† Add L2 to the Cat. No. of the 550 Keypad or Keypad & Touch terminal to order a stainless steel terminal with AC power (e.g., 2711-K5A5L2).

§ Add L3 to the Cat. No. of the 550 Keypad or Keypad & Touch terminal to order a stainless steel terminal with DC power (e.g., 2711-B5A10L3).

PanelView 600 Color Terminals

Description	Cat. No.		
	Keypad ☼	Touch ☼	Key & Touch ☼
DH-485 Communication Ports *	2711-K6C2	2711-T6C2L1	2711-B6C2
DH-485 Communication & RS-232 Printer Port *	2711-K6C3	2711-T6C3L1	2711-B6C3
RS-232 (DH-485) Communication Port *	2711-K6C5	2711-T6C5L1	2711-B6C5
RS-232 (DH-485) Communication & RS-232 Printer Port *	2711-K6C9	2711-T6C9L1	2711-B6C9
Remote I/O Communication & RS-232 Printer Port	2711-K6C1	2711-T6C1L1	2711-B6C1
DH+ Communication & RS-232 Printer Port	2711-K6C8	2711-T6C8L1	2711-B6C8
DeviceNet Communication & RS-232 Printer Port	2711-K6C10	2711-T6C10L1	2711-B6C10
ControlNet Communication & RS-232 Printer Port	2711-K6C15	2711-T6C15L1	2711-B6C15
RS-232 (DF1) Communication & RS-232 Printer/Download Port	2711-K6C16	2711-T6C16L1	2711-B6C16
EtherNet/IP Communication & RS-232 Printer Port	2711-K6C20	2711-T6C20L1	2711-B6C20

* Terminals with DH-485 communications require application file uploads/downloads through the communication port. The RS-232 printer port on these terminals is for printing only.

☼ Add L1 to the Cat. No. to order a 600 Keypad or Keypad & Touch terminal with DC power instead of AC power (e.g., 2711-K6C3L1). PanelView 600 Touch Only terminals are 18...30V dc only.

PanelView 1000 Grayscale Terminals

Description	Cat. No.	
	Keypad ☼	Touch ☼
DH-485 Communication & RS-232 Printer Port *	2711-K10G3	2711-T10G3
RS-232 (DH-485) Communication & RS-232 Printer Port *	2711-K10G9	2711-T10G9
Remote I/O Communication & RS-232 Printer Port	2711-K10G1	2711-T10G1
DH+ Communication & RS-232 Printer Port	2711-K10G8	2711-T10G8
DeviceNet Communication & RS-232 Printer Port	2711-K10G10	2711-T10G10
ControlNet Communication & RS-232 Printer Port	2711-K10G15	2711-T10G15
RS-232 (DF1) Communication & RS-232 Printer/Download Port	2711-K10G16	2711-T10G16
EtherNet/IP Communication & RS-232 Printer Port	2711-K10G20	2711-T10G20

* Terminals with DH-485 communications require application file uploads/downloads through the communication port. The RS-232 printer port on these terminals is for printing only.

☼ Add L1 to the Cat. No. to order a 1000 Grayscale terminal with DC power instead of AC power (e.g., 2711-K10G3L1).

PanelView 1000 Color Terminals

Description	Cat. No.	
	Keypad ☼	Touch ☼
DH-485 Communication & RS-232 Printer Port *	2711-K10C3	2711-T10C3
RS-232 (DH-485) Communication & RS-232 Printer Port *	2711-K10C9	2711-T10C9
Remote I/O Communication & RS-232 Printer Port	2711-K10C1	2711-T10C1
DH+ Communication & RS-232 Printer Port	2711-K10C8	2711-T10C8
DeviceNet Communication & RS-232 Printer Port	2711-K10C10	2711-T10C10
ControlNet Communication & RS-232 Printer Port	2711-K10C15	2711-T10C15
RS-232 (DF1) Communication & RS-232 Printer/Download Port	2711-K10C16	2711-T10C16
EtherNet/IP Communication & RS-232 Printer Port	2711-K10C20	2711-T10C20

* Terminals with DH-485 communications require application file uploads/downloads through the communication port. The RS-232 printer port on these terminals is for printing only.

☼ Add L1 to the Cat. No. to order a 1000 Color terminal with DC power instead of AC power (e.g., 2711-K10C3L1).

Product Accessories

Software

Cat. No.	Description
2711-ND3	PanelBuilder32 Configuration Software for PanelView Standard Terminals (English)
2711-ND3DE	PanelBuilder32 Configuration Software for PanelView Standard Terminals (German)
2711-ND3ES	PanelBuilder32 Configuration Software for PanelView Standard Terminals (Spanish)
2711-ND3FR	PanelBuilder32 Configuration Software for PanelView Standard Terminals (French)
2711-ND3CN	PanelBuilder32 Configuration Software for PanelView Standard Terminals (Chinese)

Memory Cards

Cat. No.	Description
2711-NM11	256 KByte Flash Memory Card
2711-NM13	2 MB PC Flash Memory Card
2711-NM14	4 MB PC Flash Memory Card
2711-NM15	10 MB Flash ATA Memory Card
2711-NM216	16 MB Flash ATA Memory Card
2711-NM232	32 MB Flash ATA Memory Card
2711-NMCC	Memory Card Retainer for PanelView 550, 600, 1000 Keypad or Keypad & Touch Terminals
2711-NMCD	Memory Card Retainer for PanelView 550 Touch Only Terminals
2711-NMCE	Memory Card Retainer for the PanelView 300, 600 Touch Only Terminals

Function Key Legend Kits

Cat. No.	Description
2711-NF1	Function Key Legend Strips for PanelView 550 Terminals
2711-NF4	Function Key Legend Strips for PanelView 600 Terminals
2711-NF5	Function Key Legend Strips for PanelView 1400 Terminals
2711-NF6	Function Key Legend Strips for PanelView 1000 Terminals
2711-NF7	Function Key Legend Strips for PanelView 300 Terminals

Mounting Hardware

Cat. No.	Description
2711-NP2	Replacement Mounting Clips for PanelView 600, 1000, 1000E Touch Screen and Keypad terminals.

Real-Time Clock Replacements

Cat. No.	Description
2711-NB3	Real-Time Clock Replacement for PanelView 550 Keypad or Keypad & Touch (Series E and F), 600 Keypad or Keypad & Touch (Series A and B), 1000 Keypad or Touch (Series A and B), all 1400 Terminals
2711-NB4	Real-Time Clock Replacement for PanelView 300 Keypad, 550/600 Touch Only Terminals, 550 Keypad or Keypad & Touch (Series G and later), PV600 Keypad or Keypad & Touch (Series C and later), PV1000 Keypad or Touch (Series C and later).

Backlight Replacements

Cat. No.	Description
2711-NL1	Backlight Replacement Lamp for PanelView 550 terminals.
2711-NL3	Backlight Replacement Lamp for PanelView 600 Keypad or Keypad & Touch terminals.
2711-NL4	Backlight Replacement Lamp for PanelView 1000 Color (Series A only) terminals.
2711-NL6	Backlight Replacement Kit for PanelView 1000 Color (Series B) and 1000e (Series D) terminals.
2711-NL7	Backlight Replacement Lamp for PanelView 1000 Color (Series C) terminals.
2711-NL9	Backlight Replacement Kit for PanelView 1000e (Series E and later) terminals, PanelView 1000 Color (Series D and E), and 1000 Grayscale (Series C and D).

Antiglare Overlays

Cat. No.	Description
2711-NV4	Antiglare Overlay for PanelView 550 Terminals (Quantity 3)
2711-NV4T	Antiglare Overlay for PanelView 550 and 600 Touch Only Terminals (Quantity 3)
2711-NV5	Antiglare Overlay for PanelView 600 Terminals (Quantity 3)
2711-NV6K	Antiglare Overlay for PanelView 1000/1000e Keypad terminals (Quantity 3).
2711-NV6T	Antiglare Overlay for PanelView 1000/1000e Touch Screen terminals (Quantity 3).
2711-NV7K	Antiglare Overlay for PanelView 1400 Keypad Terminals (Quantity 3)
2711-NV7T	Antiglare Overlay for PanelView 1400 Touch Terminals (Quantity 3)
2711-NV8	Antiglare Overlay for PanelView 300 Terminals (Quantity 3)

Power Supply and Terminal Block

Cat. No.	Power Supply and Terminal Block
1747-NP1	Wallmount power supply provides power to 1747-PIC Converter when SLC or network is not connected. 105...132V ac. Separate operating/programming cable required.
2711-TBDC	DC Power Terminal Block for PanelView Plus 400/600 Terminals and PanelView Micro 300 (Quantity 10)

See Step 3, Determining Cable Requirements, for cable configuration details.

Cables/Interface Modules/Remote Keyswitch Port

Cat. No.	Description
1747-PIC	Personal Computer Interface Converter converts RS-232 signals to/from DH-485 signals
1747-C10	DH-485 Operating/Programming Cable 1.8 m (6 ft) for 2711-xxA2, -xxA3, -xxC2, -xxG3
1747-C11	DH-485 Operating/Programming Cable .3 m (1 ft) for 2711-xxA2, -xxA3, -xxC2, -xxG3
1747-C20	DH-485 Operating/Programming Cable 6 m (20 ft) for 2711-xxA2, -xxA3, -xxC2, -xxG3
1747-AIC	Isolated Link Coupler for DH-485 Network
1761-NET-AIC	MicroLogix Advanced Interface Converter Module
2706-NC13 *	RS-232 Operating Cable, 9-pin D Shell to 9-Pin D Shell, 3 m (10 ft)
2711-NC13 *	RS-232 Operating/Programming Cable, 9-Pin D Shell to 9-Pin D Shell, 5 m (16.4 ft)
2711-NC14 *	RS-232 Operating/Programming Cable, 9-Pin D Shell to 9-Pin D Shell, 10 m (32.7 ft)
2711-NC17	Remote RS-232 Serial Port Assembly for PanelView 1000e and 1400e (Series F and later), PanelView Plus and Standard terminals. Includes a 9-pin RS-232 port assembly to allow remote serial port access.
2711-NC21 *	RS-232 Operating Cable, 9-Pin D Shell to 8-Pin Mini DIN, 5 m (16.4 ft)
2711-NC22 *	RS-232 Operating Cable, 9-Pin D Shell to 8-Pin Mini DIN, 15 m (49 ft)
2711-CBL-HM05	RS-232 Operating Cable, 8-Pin Mini DIN to 8-Pin Mini DIN (PanelView 300 Micro to MicroLogix), 5 m (16.4 ft)
2711-CBL-HM10	RS-232 Operating Cable, 8-Pin Mini DIN to 8-Pin Mini DIN (PanelView 300 Micro to MicroLogix), 10 m (32.7 ft)
2711-CBL-PM05	RS-232 Operating/Programming Cable, 9-Pin D Shell to 8-Pin Mini DIN (PanelView 300 Micro to SLC or PLC), 5 m (16.4 ft)
2711-CBL-PM10	RS-232 Operating/Programming Cable, 9-Pin D Shell to 8-Pin Mini DIN (PanelView 300 Micro to SLC or PLC), 10 m (32.7 ft)
1761-CBL-AM00	RS-232 Operating Cable, 8-Pin Mini DIN to 8-Pin Mini DIN (PanelView 300 Micro to MicroLogix), 0.5 m (1.5 ft)
1761-CBL-HM02	RS-232 Operating Cable, 8-Pin Mini DIN to 8-Pin Mini DIN (PanelView 300 Micro to MicroLogix), 2 m (6.5 ft)
1761-CBL-AP00	RS-232 Operating/Programming Cable, 9-Pin D-Shell to 8-Pin Mini DIN (PanelView 300 Micro to SLC or PLC), 0.5 m (1.5 ft)
1761-CBL-PM02	RS-232 Operating/Programming Cable, 9-Pin D-Shell to 8-Pin Mini DIN (PanelView 300 Micro to SLC or PLC), 0.5 m (1.5 ft)

* Cable used for operation/communication with the following PanelViews: 2711-xxx5, -xxx9, -xxx16, -xxx17

Cable used for application file transfer or printing with the following PanelViews: 2711-xxx1, -xxx3, -xxx8, -xxx9, -xxx10, -xxx15, -xxx16, -xxx17, -xxx20

* Null modem not required

PanelView 'e' Selection Guidelines

- *Select operator input: keypad, touch*
- *Select communications*
- *Select configuration software*
- *Select program and runtime cables*
- *Select optional accessories*

Selecting a PanelView 1000e Operator Interface



PanelView 1000e Keypad
10.4-inch Flat Panel Display

PanelView 'e' terminals provide high performance HMI functionality for complex processes and large applications. These terminals provide powerful data processing capabilities such as trending and expression handling, along with the ability to efficiently operate in large Remote I/O, Data Highway Plus and ControlNet applications. The PanelView 1000e terminals are available with either touch screen or keypad input.

Benefits

- Expanded messages include 4,000 Alarm, 10,000 Local and 10,000 Information messages to provide information to the operator.
- PCMCIA Memory Card can be used to update and save application files without using a personal computer. It can also store and run applications allowing the base user memory to be expanded up to 15.75 MB.
- Overlapping objects allow control devices such as push buttons and indicators to be placed directly on top of other objects such as a bitmap of a machine layout, making operator control more intuitive.
- Expressions (and operations) allow local manipulation and evaluation of data, reducing PLC addressing and logic.
- Online Trending allows the PanelView terminal to track specific process data tracking over a period of time and display it graphically on the screen as a line or symbol graph.
- Extensive alarm handling during fault conditions is handled through Alarm Windows, Alarm Status Screen, and Alarm History Screen. Audio indicator can also be configured. A relay on the back of the terminal can be used to activate loud horns or highly visible devices. The RS-232 port on the back of the terminal allows for printouts of alarms or screen reports.
- Easy migration path for PanelView 1200 terminals – application files are completely converted and no changes required in the PLC program or the Remote I/O network.

Communication

PanelView 'e' terminals support Data Highway Plus, Remote I/O, and ControlNet communication. The tag-based DH+ interface supports unsolicited messages and eleven scan classes for efficient network use. The Remote I/O interface is also tag based and has a listen-only option. Up to 64 racks and 64 block transfers, containing up to 64 words each, allow the transfer of more data than PanelView Standard. The ControlNet interface combines high-speed capabilities of Remote I/O and multiple PanelView/PLC connectivity of DH+ communication in a high-performance open systems network architecture.

PanelView 1400e Software

PanelBuilder 1400e software takes advantage of the Microsoft Windows graphical interface, simplifying application design and reducing development cost. Screen configuration is quick and easy using preconfigured symbols and dynamic objects. Other time-saving features include tag editor, cut/copy/paste, selection from toolbars, and the ability to work with multiple screens. Existing PanelView 1200 application files can be imported.

You can transfer application files between PanelBuilder 1400e software and PanelView 1000e terminals using the RS-232 port, pass-through from DH+ to Remote I/O, or across DH+ or ControlNet networks.

Migrating Applications

Migrating PanelView 1200 Applications

Still have some of the original PanelView 1200 terminals operating in your plant? PanelView 'e' terminals were designed for easy migration of your applications to keep your plant operating with minimum downtime.

Migration kits are available with adapter plates to mount a PanelView 1000e in a PanelView 1200 touch screen or keypad cutout. PanelView 1200 applications are converted to PanelView 'e' format within the PanelBuilder 1400e software. No changes are required in your PLC programming or to the Remote I/O network.

What's the advantage?

You'll have a new terminal with full factory warranty, minimizing repair cycle costs and downtime. Rockwell Automation is committed to supporting your investment for years to come.

Special offers

Migration kits are available that include everything you need to make an easy transition with a single catalog number. In addition, the Step Forward program provides an additional 20% discount for returned PanelView 1200 terminals. Contact your local Allen-Bradley distributor for details.

Migrating from 1400e to 1000e

Adapter plates and migration kits are available for migrating an existing PanelView 1400e CRT application to the PanelView 1000e flat panel terminal. Application files are easily converted with minimal changes if any. The Step Forward program offers discounts for returned terminals. Contact your local Allen-Bradley distributor for details.

Specifications

PanelView 'e'	1000e Color CRT
	Keypad, Touch
Display	
Display Description	Color Active Matrix, Thin Film Transistor (TFT)
Display Size	10.4 inch
Resolution	640 x 480
Backlight	Field Replaceable
Real-time Clock	Battery-backed clock timestamps critical data
Application Memory	2.25 MB on-board flash; expandable to 15.75 MB with PC memory card
Touch Screen	
Touch Screen Description	Analog resistive
Touch Cells	192 maximum, minimum size is 40 x 40 pixels
Keypad	
Keypad Description	Sealed, stainless steel domed membrane switches with tactile feedback
Function Keys	21 user defined, numeric entry, cursor control, other special functions
Electrical	
Communication Ports	DH+, Remote I/O, ControlNet 1.5
RS-232 Printer Port	1200, 2400, 9600, 19 200 K
Input Voltage, AC	90...132 or 180...264V ac, 47...63 Hz
Power Consumption, AC	90V A max., 70 W max.
Software	
Application Software	PanelBuilder 1400e (Windows based)
Environmental	
Operating Temperature	0...50 °C (32...122 °F)
Storage Temperature	-25...60 °C (-13...140 °F)
Relative Humidity	95% without condensation @ 50 °C (122 °F)
Ratings	NEMA Type 12 (indoor use only), 4X, IP66 (indoor use only)
Certifications	UL 50, 1992; ENCL NEMA Type 4X, 12 (indoor use only) CSA C22-2 No. 94-M91, ENCL NEMA Type 4X, 12 (indoor use only)
Weight	
Keypad	5.3 g (11.6 lb)
Touch	5.1 g (11.3 lb)
Dimensions	
Keypad (HxWxD)	282 x 423 x 174 mm 11.1 x 16.6 x 6.8 in
Touch Screen (HxWxD)	282 x 370 x 174 mm 11.1 x 14.6 x 6.8 in

Product Selection

PanelView 1000e Flat Panel Color Terminals

Description	Cat. No.	
	Keypad	Touch
PanelView 1000e 10.4 inch (26.4 cm) Color Flat Panel Display, Clip Mount, NEMA Type 4X (indoor only) with DH+ and Remote I/O Communications	2711E-K10C6	2711E-T10C6
PanelView 1000e 10.4 inch (26.4 cm) Color Flat Panel Display, Clip Mount, NEMA Type 4X (indoor only) with DH+, Remote I/O and ControlNet (Release 1.5) Communications	2711E-K10C15	2711E-T10C15

PanelBuilder 1400e Software

Cat. No.	Description
2711E-ND1	English PanelBuilder 1400e Development Software for Windows 3.1 and above, Windows 95 or Windows NT
2711E-ND1FR	French PanelBuilder 1400e Development Software for Windows 3.1 and above, Windows 95 or Windows NT
2711E-ND1DE	German PanelBuilder 1400e Development Software for Windows 3.1 and above, Windows 95 or Windows NT
2711E-ND1ES	Spanish PanelBuilder 1400e Development Software for Windows 3.1 and above, Windows 95 or Windows NT
2711E-ND7 *	English File Transfer Utilities for PanelView 1000e, 1200e, 1400e, and Enhanced Series F and G PanelView 1200 Terminals with Enhancement Kit (Cat. No. 2711E-U1B12C) and PV1200 Terminals.

* Included in the PB1400e Software kits. This stand-alone utility is for file transfers only and requires less hard disk space than PanelBuilder 1400e Software kits. These utilities are shipped on 3.5 inch floppy disks including RSLinx Lite.

PanelView 1200 Migration Kits

Cat. No.	Description
2711E-UKCK10	PanelView 1200 Keypad to PanelView 1000e Keypad Migration Kit. Includes (1) PV1000e DH+/Remote I/O Keypad Terminal (2711E-K10C6), (1) 2711-NR5K Cutout Adapter Kit, and (1) 2711-NC13 Upload/Download Cable.
2711E-UTCT10	PanelView 1200 Touch to PanelView 1000e Touch Migration Kit. Includes (1) PV1000e DH+/Remote I/O Touch Terminal (2711E-T10C6), (1) 2711-NR5T Cutout Adapter Kit, and (1) 2711-NC13 Upload/Download Cable.

PanelView 1200e Migration Kits

Cat. No.	Description
2711E-UK12EK10	PanelView 1200e Keypad to PanelView 1000e Keypad Migration Kit. Includes (1) PV1000e DH+/Remote I/O Keypad Terminal (2711E-K10C6), (1) 2711-NR5K Cutout Adapter Kit, and (1) 2711-NC13 Upload/Download Cable.
2711E-UT12ET10	PanelView 1200e Touch to PanelView 1000e Touch Migration Kit. Includes (1) PV1000e DH+/Remote I/O Touch Terminal (2711E-T10C6), (1) 2711-NR5T Cutout Adapter Kit, and (1) 2711-NC13 Upload/Download Cable.

PanelView 1400e Migration Kits

Cat. No.	Description
2711E-UK14EK10	PanelView 1400e Keypad to PanelView 1000e Keypad Migration Kit. Includes (1) PV1000e DH+/Remote I/O Keypad Terminal (2711E-K10C6) and (1) 2711-NR5K Cutout Adapter Kit
2711E-UT14ET10	PanelView 1400e Touch to PanelView 1000e Touch Migration Kit. Includes (1) PV1000e DH+/Remote I/O Touch Terminal (2711E-T10C6) and (1) 2711-NR7T Cutout Adapter Kit

Product Accessories

Memory Cards

Cat. No.	Description
2711-NM13	2 MB PC Flash Memory Card
2711-NM14	4 MB PC Flash Memory Card
2711-NM15	10 MB Flash ATA Memory Card

See Step 3, Determining Cable Requirements, for cable configuration details.

Cables and Remote Keyswitch/Port Assemblies

Cat. No.	Description
2711-NC1	RS-232 Upload/Download Cable (9-pin to 25-pin) for PanelView 1200, 1200e, 1400e (Series A...E) terminals.
2711-NC2	Remote Keyswitch and RS-232 Port Assembly with 3 m (10 ft) Cable for PanelView 1200, 1200e, 1400e (Series A...E) terminals.
2706-NC13 *	RS-232 Operating Cable, 9-pin D Shell to 9-Pin D Shell, 3 m (10 ft)
2711-NC13 *	RS-232 Operating/Programming Cable, 9-Pin D Shell to 9-Pin D Shell, 5 m (16.4 ft)
2711-NC14 *	RS-232 Operating/Programming Cable, 9-Pin D Shell to 9-Pin D Shell, 10 m (32.7 ft)
2711-NC17	Remote RS-232 Serial Port Assembly for PanelView 1000e and 1400e (Series F and later), PanelView Plus and Standard terminals. Includes a 9-pin RS-232 port assembly to allow remote serial port access.
2711-NC18	RS-232 Download Cable Adapter for 2711-NC1. Includes a 25-pin DB female to 9-pin DB female cable.

* For PanelView 1000e and 1400e (Series F and later) terminals.

Mounting Hardware and Adapters

Cat. No.	Description
2711-NP2	Replacement Mounting Clips for PanelView 600, 1000, 1000E Touch Screen and Keypad terminals.
2711-NR5K	Adapter to mount PanelView 1000/1000e Keypad terminal in panel cutout for a PanelView 1200/1400e Keypad terminal.
2711-NR5T	Adapter to mount PanelView 1000/1000e Touch Screen terminal in panel cutout for a PanelView 1200 Touch Screen terminal.
2711-NR7T	Adapter to mount 1000/1000e Touch Screen terminal in panel cutout for a PanelView 1400e Touch Screen terminal.
2711-NR6K	19-inch Rack Mount Kit for PanelView 1000/1000e Keypad terminals.
2711-NR6T	19-inch Rack Mount Kit for PanelView 1000/1000e Touch Screen terminals.
2711E-NA2	ISA Adapter Kit for installing a communication card in a PanelView 1000e terminal.

Overlays and Keypad/Touch Screen Replacement Kits

Cat. No.	Description
2711-NV6T	Antiglare Overlay for PanelView 1000/1000e Touch Screen terminals (Quantity 3).
2711-NV6K	Antiglare Overlay for PanelView 1000/1000e Keypad terminals (Quantity 3).
2711E-NV1	Antiglare Overlay for PanelView 1400e Keypad and Touch Screen terminals (Quantity 5).
2711E-NF1	Function Key Legend Inserts for PanelView 1000e Keypad terminals.
2711E-NF2	Function Key Legend Inserts for PanelView 1400e Keypad terminals.
2711E-NK5	Keypad Replacement Kit for PanelView 1400e Keypad terminals.
2711E-NT2	Analog Touch Screen Replacement Kit for PanelView 1400e Touch Screen terminals.

Backlight Replacements

Cat. No.	Description
6189-NL2	Backlight Replacement Kit for PanelView 1000e (Series C and earlier) terminals.
2711-NL6	Backlight Replacement Kit for PanelView 1000 Color (Series B) and 1000e (Series D) terminals.
2711-NL9	Backlight Replacement Kit for PanelView 1000e (Series E and later) terminals, PanelView 1000 Color (Series D and E), and 1000 Grayscale (Series C and D).

Firmware and Memory Upgrade Kits

Cat. No.	Description
2711E-UMOD	Firmware Enhancement Kit for Modbus Communications on PanelView 1000e terminals.

Miscellaneous Replacement Parts

Cat. No.	Description
2711-NDRC	DH+ / Remote I/O Connector
2711E-NKEY1	Spare Mode Select Keys for PanelView 1000e, 1200, 1200e, 1400e terminals.

VersaView CE Selection Guidelines

- *Select display size*
- *Select operator input: keypad, touch, keypad/touch*
- *Select required memory*
- *Select communications*
- *Select power*
- *Select configuration software*
- *Select program and runtime cables*
- *Select optional accessories*

Select a VersaView CE Terminal



VersaView CE uses Microsoft Windows CE to bring together the features of PanelView Plus operator interface and VersaView industrial computers. The solid state hardware provides an economical solution for harsh environments, including areas with high temperatures, shock, or vibration. VersaView CE does not require shutdown, which provides the option of instant power off of the system.

The modular design provides maximum flexibility, enabling OEMs, system integrators, and end users to select, modify, or upgrade components to meet changing application requirements. The memory, logic module, and communication modules are usable across the entire product range. Designed for easy installation, all devices can be installed with minimal effort using a simple screwdriver.

The field replaceable flat panel displays are available in keypad, analog touch screen, or keypad/touch screen combination versions. Function keys on the keypad versions are changeable.

Both the internal storage and RAM in the logic module can be upgraded in the field. As system architecture evolves, an optional communication module can be added or changed after installation. Logic modules are available with AC or DC power. For obsolete configured units (6182H-xxxxxxB), the DIN Rail AC to DC power supply (2711P-RSACDIN) is available as an accessory.

Benefits

- Features solid state hardware to withstand harsh environments.
- Provides maximum flexibility, inventory reduction, and easy upgrades via modular design.
- Reduced downtime through unit level immediate exchange program.
- Packaged completely for immediate startup.
- Offers quick delivery on all VersaView CE terminal orders.
- Offers four display sizes with keypad, keypad/touch screen, and touch screen versions to provide convenient and flexible choices for operator input.
- Features a 1250H High-Bright display module for outdoor installations.
- Includes integrated RSView Machine Edition and other software tools.
- Provides 700H and 1250H conformally coated configurations for harsh environments.
- Reduces maintenance expense via field replaceable bezels and backlights with a life expectancy of 50,000 hours.
- Provides easy migration path for RAC6182 computers and existing PanelView/PanelView Plus products to an open platform.
- Provides a compact flash slot to transfer files, log data and perform system upgrades.

Software

VersaView CE terminals are integrated with RSView Machine Edition runtime, Internet Explorer, and Terminal Services for thin client applications. Everything is ready to go right out of the box. RSView Studio development software is used to configure a Machine Edition application. A software development kit (SDK) is available on the accessory CD and is used for creating customized Visual Basic and C++ applications. Viewers are also available for MPEG, PDF, Excel, Word, and PowerPoint files.

Communication

All VersaView CE terminals come standard with Ethernet and RS-232 serial ports to support EtherNet/IP, DF1 serial, DH-485 serial, and multi vendor serial and Ethernet options using KEPServer drivers. An optional ControlNet, DeviceNet, or DH+/DH-485/Remote I/O communication module can be or added or changed after installation. Or, you can order a terminal with ControlNet or DH+/DH-485/Remote I/O as a pre-assembled option.

Product Migration

The VersaView CE 1250H has the same cutout as the 12-inch RAC6182 computer for easy migration. For users that need to expand their applications beyond dedicated operator terminals, VersaView CE terminals are an ideal open platform path for existing PanelView and PanelView Plus products, as they share similar dimensions.

Existing Terminal	Drop-in Replacement	With an Adapter Plate
PanelView 600 Keypad or Keypad/Touch	VersaView CE 700H	Not Required
PanelView 900	VersaView CE 1000H	VersaView CE 700H
PanelView 1000, 1000e	VersaView CE 1250H	VersaView CE 1000H
PanelView 1200, 1200e CRT Touch	Not Available	VersaView CE 1000H* VersaView CE 1250H*
PanelView 1200, 1200e CRT Keypad	VersaView CE 1500H‡	VersaView CE 1250H
PanelView 1400, 1400e CRT	VersaView CE 1500H‡	VersaView CE 1250H
RAC6182 7.7 inch Color	Not Available	VersaView CE 700H* VersaView CE 1000H*
RAC6182 12.1 inch Color	VersaView CE 1250H	VersaView CE 1000H*

* Check for adapter plate availability.

* Requires modification of cutout.

‡ Adapter plate required for stud mounted PanelViews.

Specifications

VersaView CE	700H	1000H	1250H *	1500H
Display				
Display Description	Color Active Matrix TFT			
Display Size	6.5 inch	10.4 inch	12.1 inch	15 inch
Display Area (WxH)	132 x 99 mm (5.2 x 3.9 in)	211 x 158 mm (8.3 x 6.2 in)	246 x 184 mm (9.7 x 9.2 in)	304 x 228 mm (12.0 x 9.0 in)
Resolution	640 x 480, 18-bit Color		800 x 600, 18-bit Color	
Luminance*	300 cd/m ² (Nits)			
Backlight	50 000 h - field replaceable			
Touch Screen Description	Analog resistive			
Keypad Description	Stainless steel domed membrane			
Function Keys	22 Function Keys (F1-F10, K1-K10) Numeric Keypad	32 Function Keys (F1-F16, K1-K16) Numeric Keypad	40 Function Keys (F1-F20, K1-K20) Numeric Keypad	40 Function Keys (F1-F20, K1-K20) Numeric Keypad
System Components				
Processor Types	Intel Celeron, 650 MHz			
Expansion Slots Description	1 Compact Flash; optional Communicaton Module for ControlNet, DeviceNet, or DH+/DH-485/Remote I/O			
Flash Memory				
Standard:	128 MB			
Extended:	256 MB (field upgradeable to 512 MB, 20 MB required for OS and ME)			
RAM				
Standard:	128 MB			
Extended:	256 MB (field upgradeable to 512 MB)			
I/O	1 Serial port, 2 USB ports, 1 10/100 M Ethernet port			
Electrical				
Input Voltage, AC	85...264V ac, 47...63 Hz			
Power Consumption, AC	160 VA max			
Input Voltage, DC	18...32V dc (24V dc nominal)			
Power Consumption, DC	70 Watts (2.9 A at 24V dc)			
Environmental				
Operating Temperature	0...55 °C (32...131 °F)			
Storage Temperature	-25...70 °C (-13...158 °F)			
Relative Humidity	5...95% without condensation			
Shock, Operating	15 g at 11 ms			
Shock, Non-Operating	30 g at 11 ms			
Vibration	0.012 in p-p 10...57 Hz, 2 g peak, 57...500 Hz			
Ratings*	NEMA Type 12, 13, 4X, IP54, IP65			
Certifications*	C-UL certified; UL listed; CE marked; Class I Div 2, Groups A, B, C, D; Class II Div 2, Groups F, G; Class III Div I; C-Tick			
Weight				
Keypad	1.9 kg (4.2 lb)	2.9 kg (6.3 lb)	3.4 kg (7.6 lb)	4.6 kg (10.0 lb)
Touch	1.7 kg (3.8 lb)	2.6 kg (5.7 lb)	3.2 kg (7.1 lb)	4.2 kg (9.3 lb)
Dimensions				
Keypad (HxWxD)	193 x 290 x 55 mm 7.58 x 11.40 x 2.17 in	248 x 399 x 55 mm 9.77 x 15.72 x 2.17 in	282 x 416 x 55 mm 11.12 x 16.36 x 2.17 in	330 x 469 x 65 mm (12.97 x 18.46 x 2.55 in)
Touch Screen (HxWxD)	179 x 246 x 55 mm 7.04 x 9.68 x 2.17 in	248 x 329 x 55 mm 9.77 x 12.97 x 2.17 in	282 x 363 x 55 mm 11.12 x 14.30 x 2.17 in	330 x 416 x 65 mm 12.97 x 16.37 x 2.55 in
Cutout Dimensions				
Keypad (HxW)	167 x 264 mm 6.57 x 10.39 in	224 x 375 mm 8.8 x 14.75 in	257 x 390 mm 10.11 x 15.35 in	305 x 419 mm (12 x 16.5 in)
Touch Screen (HxW)	154 x 220 mm 6.08 x 8.67 in	224 x 305 mm 8.8 x 12 in	257 x 338 mm 10.11 x 13.29 in	305 x 391 mm (12 x 15.4 in)

* 1250H High-Bright touch screen (Cat. No. 6189-RDT12H) is available for outdoor installations. The brightness is over 1000 cd/m² and the backlight is not replaceable. Certifications include Class I, Zone 2, Group IIC.

* Check for availability of NEMA Type 4X outdoor rating.

Product Selection

VersaView CE 700H Color

Description	Cat. No.		
	Keypad	Touch	Keypad & Touch
6.5-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM	6182H-7KRH4D	6182H-7TRH4D	6182H-7BRH4D
6.5-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 256 MB Flash/256 MB RAM	6182H-7KEH4D	6182H-7TEH4D	6182H-7BEH4D
6.5-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 128 MB Flash/128 MB RAM	6182H-7KRH4A	6182H-7TRH4A	6182H-7BRH4A
6.5-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 256 MB Flash/256 MB RAM	6182H-7KEH4A	6182H-7TEH4A	6182H-7BEH4A
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 128 MB Flash/128 MB RAM	6182H-7KRH6D	6182H-7TRH6D	6182H-7BRH6D
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 256 MB Flash/256 MB RAM	6182H-7KEH6D	6182H-7TEH6D	6182H-7BEH6D
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 128 MB Flash/128 MB RAM	6182H-7KRH6A	6182H-7TRH6A	6182H-7BRH6A
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 256 MB Flash/256 MB RAM	6182H-7KEH6A	6182H-7TEH6A	6182H-7BEH6A
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 128 MB Flash/128 MB RAM	6182H-7KRH15D	6182H-7TRH15D	6182H-7BRH15D
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 256 MB Flash/256 MB RAM	6182H-7KEH15D	6182H-7TEH15D	6182H-7BEH15D
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 128 MB Flash/128 MB RAM	6182H-7KRH15A	6182H-7TRH15A	6182H-7BRH15A
6.5-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 256 MB Flash/256 MB RAM	6182H-7KEH15A	6182H-7TEH15A	6182H-7BEH15A

VersaView CE 700H Color Conformally Coated

Cat. No.	Description
6182H-7TRH4DK	VersaView CE 700H, Conformally Coated, Touch Screen Display, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM

VersaView CE 1000H Color

Description	Cat. No.		
	Keypad	Touch	Keypad & Touch
10.4-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM	6182H-10KRH4D	6182H-10TRH4D	6182H-10BRH4D
10.4-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 256 MB Flash/256 MB RAM	6182H-10KEH4D	6182H-10TEH4D	6182H-10BEH4D
10.4-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 128 MB Flash/128 MB RAM	6182H-10KRH4A	6182H-10TRH4A	6182H-10BRH4A
10.4-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 256 MB Flash/256 MB RAM	6182H-10KEH4A	6182H-10TEH4A	6182H-10BEH4A
10.4-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 128 MB Flash/128 MB RAM	6182H-10KRH6D	6182H-10TRH6D	6182H-10BRH6D
10.4-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 256 MB Flash/256 MB RAM	6182H-10KEH6D	6182H-10TEH6D	6182H-10BEH6D
10.4-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 128 MB Flash/128 MB RAM	6182H-10KRH6A	6182H-10TRH6A	6182H-10BRH6A
10.4-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 256 MB Flash/256 MB RAM	6182H-10KEH6A	6182H-10TEH6A	6182H-10BEH6A
10.4-inch TFT Display, ControlNet & Standard Communications, DC Input, 128 MB Flash/128 MB RAM	6182H-10KRH15D	6182H-10TRH15D	6182H-10BRH15D
10.4-inch TFT Display, ControlNet & Standard Communications, DC Input, 256 MB Flash/256 MB RAM	6182H-10KEH15D	6182H-10TEH15D	6182H-10BEH15D
10.4-inch TFT Display, ControlNet & Standard Communications, AC Input, 128 MB Flash/128 MB RAM	6182H-10KRH15A	6182H-10TRH15A	6182H-10BRH15A
10.4-inch TFT Display, ControlNet & Standard Communications, AC Input, 256 MB Flash/256 MB RAM	6182H-10KEH15A	6182H-10TEH15A	6182H-10BEH15A

VersaView CE 1250H Color

Description	Cat. No.		
	Keypad	Touch	Keypad & Touch
12.1-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM	6182H-12KRH4D	6182H-12TRH4D	6182H-12BRH4D
12.1-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 256 MB Flash/256 MB RAM	6182H-12KEH4D	6182H-12TEH4D	6182H-12BEH4D
12.1-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 128 MB Flash/128 MB RAM	6182H-12KRH4A	6182H-12TRH4A	6182H-12BRH4A
12.1-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 256 MB Flash/256 MB RAM	6182H-12KEH4A	6182H-12TEH4A	6182H-12BEH4A
12.1-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 128 MB Flash/128 MB RAM	6182H-12KRH6D	6182H-12TRH6D	6182H-12BRH6D
12.1-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 256 MB Flash/256 MB RAM	6182H-12KEH6D	6182H-12TEH6D	6182H-12BEH6D
12.1-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 128 MB Flash/128 MB RAM	6182H-12KRH6A	6182H-12TRH6A	6182H-12BRH6A
12.1-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 256 MB Flash/256 MB RAM	6182H-12KEH6A	6182H-12TEH6A	6182H-12BEH6A
12.1-inch TFT Display, ControlNet & Standard Communications, DC Input, 128 MB Flash/128 MB RAM	6182H-12KRH15D	6182H-12TRH15D	6182H-12BRH15D
12.1-inch TFT Display, ControlNet & Standard Communications, DC Input, 256 MB Flash/256 MB RAM	6182H-12KEH15D	6182H-12TEH15D	6182H-12BEH15D
12.1-inch TFT Display, ControlNet & Standard Communications, AC Input, 128 MB Flash/128 MB RAM	6182H-12KRH15A	6182H-12TRH15A	6182H-12BRH15A
12.1-inch TFT Display, ControlNet & Standard Communications, AC Input, 256 MB Flash/256 MB RAM	6182H-12KEH15A	6182H-12TEH15A	6182H-12BEH15A

VersaView CE 1250H Color Conformally Coated

Cat. No.	Description
6182H-12TRH4DK	VersaView CE 1250H, Conformally Coated, Touch Screen Display, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM

VersaView CE 1500H Color

Description	Cat. No.		
	Keypad	Touch	Keypad & Touch
15-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 128 MB Flash/128 MB RAM	6182H-15KRH4D	6182H-15TRH4D	6182H-15BRH4D
15-inch TFT Display, Standard Communications (Ethernet & RS-232), DC Input, 256 MB Flash/256 MB RAM	6182H-15KEH4D	6182H-15TEH4D	6182H-15BEH4D
15-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 128 MB Flash/128 MB RAM	6182H-15KRH4A	6182H-15TRH4A	6182H-15BRH4A
15-inch TFT Display, Standard Communications (Ethernet & RS-232), AC Input, 256 MB Flash/256 MB RAM	6182H-15KEH4A	6182H-15TEH4A	6182H-15BEH4A
15-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 128 MB Flash/128 MB RAM	6182H-15KRH6D	6182H-15TRH6D	6182H-15BRH6D
15-inch TFT Display, DH+, DH-485, RIO & Standard Communications, DC Input, 256 MB Flash/256 MB RAM	6182H-15KEH6D	6182H-15TEH6D	6182H-15BEH6D
15-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 128 MB Flash/128 MB RAM	6182H-15KRH6A	6182H-15TRH6A	6182H-15BRH6A
15-inch TFT Display, DH+, DH-485, RIO & Standard Communications, AC Input, 256 MB Flash/256 MB RAM	6182H-15KEH6A	6182H-15TEH6A	6182H-15BEH6A
15-inch TFT Display, ControlNet & Standard Communications, DC Input, 128 MB Flash/128 MB RAM	6182H-15KRH15D	6182H-15TRH15D	6182H-15BRH15D
15-inch TFT Display, ControlNet & Standard Communications, DC Input, 256 MB Flash/256 MB RAM	6182H-15KEH15D	6182H-15TEH15D	6182H-15BEH15D
15-inch TFT Display, ControlNet & Standard Communications, AC Input, 128 MB Flash/128 MB RAM	6182H-15KRH15A	6182H-15TRH15A	6182H-15BRH15A
15-inch TFT Display, ControlNet & Standard Communications, AC Input, 256 MB Flash/256 MB RAM	6182H-15KEH15A	6182H-15TEH15A	6182H-15BEH15A

Product Accessories

Software

Cat. No.	Description
9701-VWSTMENE	RSView Studio Development Software for RSView Machine Edition
9701-VWSTENE	RSView Studio Development Software for RSView Enterprise Series

Display Modules

Cat. No.	Description
6189-RDK7C	VersaView CE 700H Color Keypad Display
6189-RDT7C	VersaView CE 700H Color Touch Screen Display
6189-RDT7CK	VersaView CE 700H Conformally Coated Color Touch Screen Display
6189-RDB7C	VersaView CE 700H Color Keypad/Touch Screen Display
6189-RDK10C	VersaView CE 1000H Color Keypad Display
6189-RDT10C	VersaView CE 1000H Color Touch Screen Display
6189-RDB10C	VersaView CE 1000H Color Keypad/Touch Screen Display
6189-RDK12C	VersaView CE 1250H Color Keypad Display
6189-RDT12C	VersaView CE 1250H Color Touch Screen Display
6189-RDT12CK	VersaView CE 1250H Conformally Coated Color Touch Screen Display
6189-RDT12H	VersaView CE 1250H Color High-Bright Touch Screen Display
6189-RDB12C	VersaView CE 1250H Color Keypad/Touch Screen Display
6189-RDK15C	VersaView CE 1500H Color Keypad Display
6189-RDT15C	VersaView CE 1500H Color Touch Screen Display
6189-RDB15C	VersaView CE 1500H Color Keypad/Touch Screen Display

Communication Modules

Cat. No.	Description
2711P-RN6	DH+/DH-485/Remote I/O Communication Module for PanelView Plus 700-1500 & VersaView CE 700H-1500H
2711P-RN10H	DeviceNet Communication Module for PanelView Plus 700-1500 & VersaView CE 700H-1500H
2711P-RN15S	ControlNet Scheduled and Unscheduled Communication Module for PanelView Plus 700-1500 & VersaView CE 700H-1500H

Logic Modules

Cat. No.	Description
6189-RP	VersaView CE Logic Module without Flash/RAM Memory, DC Input
6189-RPA	VersaView CE Logic Module without Flash/RAM Memory, AC Input
6189-RPRH	VersaView CE Logic Module with 128 MB Flash/128 MB RAM, DC Input
6189-RPRHA	VersaView CE Logic Module with 128 MB Flash/128 MB RAM, AC Input
6189-RPRHK	VersaView CE Conformally Coated Logic Module with 128 MB Flash/128 MB RAM, DC Input
6189-RPEH	VersaView CE Logic Module with 256 MB Flash/256 MB RAM, DC Input
6189-RPEHA	VersaView CE Logic Module with 256 MB Flash/256 MB RAM, AC Input

Internal Compact Flash Cards

Cat. No.	Description
6189-RW2	VersaView CE Internal Compact Flash 128 MB with RSView Machine Edition
6189-RW3	VersaView CE Internal Compact Flash 256 MB with RSView Machine Edition
6189-RW4	VersaView CE Internal Compact Flash 512 MB with RSView Machine Edition

RAM Memory

Cat. No.	Description
2711P-RR64	64 MB SODIMM Memory
2711P-RR128	128 MB SODIMM Memory
2711P-RR256	256 MB SODIMM Memory

Firmware Upgrade Kits

Cat. No.	Description
6189-RU310	VersaView CE Media Kit includes Firmware Upgrade Wizard, 1 Firmware License, Certificate of Authenticity, End User License Agreement.
6189-RUA310	VersaView CE Advanced Media Kit includes 6189-RU310 Media Kit, PCMCIA to Compact Flash Adapter, 32 MB Compact Flash Card.
6189-RUL01	Firmware Upgrade License Kit with (1) VersaView CE Firmware License.
6189-RUL05	Firmware Upgrade License Kit with (5) VersaView CE Firmware Licenses.
6189-RUL10	Firmware Upgrade License Kit with (10) VersaView CE Firmware Licenses.
6189-RUL25	Firmware Upgrade License Kit with (25) VersaView CE Firmware Licenses.
6189-RUL50	Firmware Upgrade License Kit with (50) VersaView CE Firmware Licenses.

Power Supply

Cat. No.	Description
2711P-RSACDIN	DIN Rail Mount AC to DC Power Supply for PanelView Plus 700-1500, 85...265V ac, 47...63 Hz

External Compact Flash Cards (Blank)

Cat. No.	Description
2711P-RC2	128 MB Blank Compact Flash Card
2711P-RC3	256 MB Blank Compact Flash Card
2711P-RC4	512 MB Blank Compact Flash Card
2711P-RCH	Compact Flash to PCMCIA Adapter

Function Key Legend Inserts

Cat. No.	Description
2711P-RFK7	PanelView Plus 700 & VersaView CE 700H Keypad Printable Blank Legends and SW
2711P-RFK10	PanelView Plus 1000 & VersaView CE 1000H Keypad Printable Blank Legends and SW
2711P-RFK12	PanelView Plus 1250 & VersaView CE 1250H Keypad Printable Blank Legends and SW
2711P-RFK15	PanelView Plus 1500 & VersaView CE 1500H Keypad Printable Blank Legends and SW

Backlight Replacements

Cat. No.	Description
2711P-RL7C	PanelView Plus 700 & VersaView CE 700H Color Backlight
2711P-RL10C	PanelView Plus 1000 & VersaView CE 1000H Color Backlight
2711P-RL12C	PanelView Plus 1250 & VersaView CE 1250H Color Backlight for Series A and B Displays
2711P-RL12C2	PanelView Plus 1250 & VersaView CE 1250H Color Backlight for Series C Displays
2711P-RL15C	PanelView Plus 1500 & VersaView CE 1500H Color Backlight for Series B Displays

Bezel Replacements

Cat. No.	Description
2711P-RBK7	Replacement Bezel for VersaView CE/PanelView Plus 700H/700 Keypad Terminals
2711P-RBT7	Replacement Bezel for VersaView CE/PanelView Plus 700H/700 Touch Screen Terminals
2711P-RBB7	Replacement Bezel for VersaView CE/PanelView Plus 700H/700 Keypad and Keypad/Touch Terminals
2711P-RBK10	Replacement Bezel for VersaView CE/PanelView Plus 1000H/1000 Keypad Terminals
2711P-RBT10	Replacement Bezel for VersaView CE/PanelView Plus 1000H/1000 Touch Terminals
2711P-RBB10	Replacement Bezel for VersaView CE/PanelView Plus 1000H/1000 Keypad and Keypad/Touch Terminals
2711P-RBK12	Replacement Bezel for VersaView CE/PanelView Plus 1250H/1250 Keypad Terminals
2711P-RBT12	Replacement Bezel for VersaView CE/PanelView Plus 1250H/1250 Touch Terminals
2711P-RBT12H	Replacement Bezel for VersaView CE/PanelView Plus 1250H/1250 Touch High-Bright Displays
2711P-RBB12	Replacement Bezel for VersaView CE/PanelView Plus 1250H/1250 Keypad and Keypad/Touch Terminals
2711P-RBK15	Replacement Bezel for VersaView CE/PanelView Plus 1500H/1500 Keypad Terminals
2711P-RBT15	Replacement Bezel for VersaView CE/PanelView Plus 1500H/1500 Touch Terminals
2711P-RBB15	Replacement Bezel for VersaView CE/PanelView Plus 1500H/1500 Keypad and Keypad/Touch Terminals

Antiglare Overlays

Cat. No. *	Description
2711P-RGK7	PanelView Plus 700 & VersaView CE 700H Keypad or Keypad/Touch Antiglare Overlay
2711P-RGT7	PanelView Plus 700 & VersaView CE 700H Touch Antiglare Overlay
2711P-RGK10	PanelView Plus 1000 & VersaView CE 1000H Keypad or Keypad/Touch Antiglare Overlay
2711P-RGT10	PanelView Plus 1000 & VersaView CE 1000H Touch Antiglare Overlay
2711P-RGK12	PanelView Plus 1250 & VersaView CE 1250H Keypad or Keypad/Touch Antiglare Overlay
2711P-RGT12	PanelView Plus 1250 & VersaView CE 1250H Touch and High-Bright Touch Antiglare Overlay
2711P-RGK15	PanelView Plus & VersaView CE 1500/1500H Keypad or Keypad/Touch Antiglare Overlay
2711P-RGT15	PanelView Plus 1500 & VersaView CE 1500H Touch Antiglare Overlay

* All catalog numbers ship with a quantity of three overlays.

Adapter Plates

Cat. No.	Description
2711P-RAK7	Adapts PanelView Plus 700 & VersaView CE 700H Keypad or Keypad/Touch to PanelView Standard 900 Keypad
2711P-RAT7	Adapts PanelView Plus 700 & VersaView CE 700H Touch to PanelView Standard 900 Touch
2711P-RAK10	Adapts PanelView Plus 1000 & VersaView CE 1000H Keypad or Keypad/Touch to PanelView 1000/1000E Keypad
2711P-RAT10	Adapts PanelView Plus 1000 & VersaView CE 1000H Touch to PanelView 1000/1000E Touch
2711P-RAK15	Adapts PanelView Plus 1500 & VersaView CE 1500H Keypad or Keypad/Touch to PanelView 1200E/1400E Keypad
2711P-RAT15	Adapts PanelView Plus 1500 & VersaView CE 1500H Touch to PanelView 1200E/1400E Touch
2711P-RAK12E	Adapts a PanelView Plus 1250 & VersaView CE 1250H (or PV1000/1000E) Keypad or Keypad/Touch to PanelView 1200/1400E Keypad
2711P-RAT12E2	Adapts PanelView Plus 1250 & VersaView CE 1250H (or PV1000/1000E) Touch to PanelView 1200 Touch
2711P-RAT12E	Adapts PanelView Plus 1250 & VersaView CE 1250H (or PV1000/1000E) Touch to a PanelView 1200E/1400E Touch
2711P-RAK12S	Adapts PanelView Plus 1250 & VersaView CE 1250H (or PV1000/1000E) Keypad or Keypad/Touch to PanelView Standard 1400 Keypad
2711P-RAT12S	Adapts PanelView Plus 1250 & VersaView CE 1250H (or PV1000/1000E) Touch to PanelView Standard 1400 Touch

See Step 3, Determining Cable Requirements, for cable configuration details.

Cables

Cat. No.	Description
2711-NC13	RS-232 Operating/Programming Cable, 9-Pin D Shell to 9-Pin D Shell, 5 m (16.4 ft)
2711-NC14	RS-232 Operating/Programming Cable, 9-Pin D Shell to 9-Pin D Shell, 10 m (32.7 ft)
2711-NC21	RS-232 Operating Cable, 9-Pin D Shell to 8-Pin Mini DIN, 5 m (16.4 ft)
2711-NC22	RS-232 Operating Cable, 9-Pin D Shell to 8-Pin Mini DIN, 15 m (49 ft)
2711P-CBL-EX04	Ethernet CAT5 Crossover Industrial Cable, 4.3 m (14 ft)

Communication Adapters

Cat. No.	Description
2711P-CBL-UP02	USB to PS/2 Adapter
1761-NET-AIC	MicroLogix Advanced Interface Converter Module
1747-AIC	Isolated Link Coupler for use with DH-485 Communication Modules (2711P-RNx)Isolated Link Coupler for Programmable Controller

Miscellaneous

Cat. No.	Description
2711P-RVT12	Solar Visor for PanelView Plus/VersaView CE 1250/1250H High Bright Display Module
2711P-RY2032	Replacement Battery for PanelView Plus 700-1500 and VersaView CE 700H-1500H
2711P-RTMC	Mounting Clips for PanelView Plus 700-1500 and VersaView CE 700H-1500H (Quantity 8)
2711P-RCH	Compact Flash to PCMCIA Adapter
2711P-RTBDC3	DC Power Terminal Block for PanelView Plus 700-1500 and VersaView CE 700H-1500H Series A-D Logic Modules (Quantity 10)
2711P-RTBDC2	DC Power Terminal Block for PanelView Plus 700-1500 and VersaView CE 700H-1500H Series E and Later Logic Modules (Quantity 10)
2711P-RTBAC3	AC Power Terminal Block for PanelView Plus 700-1500 and VersaView CE 700H-1500H (Quantity 10)

VersaView Selection Guidelines

- *Select system configuration*
 - *Computer with integrated display*
 - *Workstation with display and keypads*
 - *Non-display computer and separate monitor*
 - *Non-display computer only*
 - *Monitor only*
- *Select product criteria*
- *Select optional accessories*

Select VersaView Industrial Computers and Monitors



The VersaView Industrial Computers and Monitors provide a broad product offering of integrated display computers, workstations, non-display computers, and the latest in flat panel monitors. They are built for speed, reliability, flexibility, ease of upgrade, and rugged operation. This expanding portfolio now includes a new line of light industrial, non-display computers and monitors for the less demanding environments where endurance to high temperature, shock and vibration is not as critical. Whether applied in a control room or factory floor, these products provide you with a solution for just about any environment.

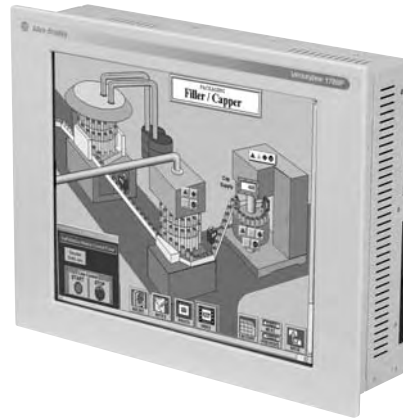
Keeping pace with today's technology is a challenge. That's why all computers and monitors contain the latest technology so you don't have to worry about losing performance or that competitive advantage. Plus, all computers are packaged with standard and performance features to help you make the correct choice for every application. The VersaView computers and monitors offer:

- **Cost-effective industrial solution** for both light and demanding industrial environments. This product line can integrate control and information across your entire factory architecture. Whether it's viewing your factory floor, maintaining equipment, controlling production, or collecting information, count on industrial computers and monitors to lower your total cost of operation and increase your productivity.
- **Effective technology management** means components are chosen to maintain that balance of performance and longevity while meeting industrial specifications. Whether it's the processor, memory, or storage media, you can order the same catalog number time after time, with the assurance that you will receive the latest technology from Rockwell Automation.
- **Easy product configuration** simplifies catalog ordering, which means no more catalog numbers to configure. Few products lend themselves to customization like industrial computers and monitors because there are so many choices to make such as display size, memory size, storage drive capacity, and processor selection. VersaView computers are pre-packaged with the options you need for virtually any industrial application.
- **Immediate Exchange** if your computer or monitor fails. A simple request through your Allen-Bradley distributor takes care of it - no need to wait weeks for a repair.

Integrated Display Computers Selection Guidelines

- *Select solid state or rotating media*
- *Select display size*
- *Select standard or performance package*
- *Select operator input: optional touch screen*
- *Select bezel type (model dependent)*

VersaView Integrated Display Computers



The 1200P, 1500P, and 1700P integrated display computers combine a TFT flat panel display with industrial computing power capable of performing visual interface, maintenance, and basic information applications. These panel mount devices offer 12.1, 15 and 17-inch displays with a resistive touch screen option for operator input, and solid state IDE flash drive or rotating media options. When panel space is limited, the 12.1-inch display provides a space saving option. If viewing every aspect of an operation is critical, the larger displays offer even more flexibility. Plus each rotating-media model offers standard and performance features with prepackaged options for easy product selection.

By combining industrial hardened monitors and computers in a single machine, these panel mounted computers provide an entire solution in one chassis and catalog number. Because there are no external monitor cables or separate component mounting requirements, system integration is simplified.

VersaView integrated display computers support multiple communications. All units come standard with Ethernet and serial ports.

Benefits

- Offers a range of display sizes with a resistive touch screen option for operator input.
- Features standard and performance models with prepackaged options for easy product selection.
- Offers aluminum or stainless steel bezels for varying application requirements.
- Provides a complete package for immediate startup.
- Provides technology change management - no catalog numbers to configure or become outdated.
- Includes a cloning utility for system backup and restore.
- Includes a diagnostic utility for hardware analysis and system troubleshooting.
- Offers quick delivery on most VersaView computer and monitor orders.
- Reduces downtime through unit-level immediate exchange program.

Computers with Rotating Media (6181P)

All models of the 6181P standard computers offer traditional rotating media storage in a slim form factor. The 2.5-inch IDE hard drive offers storage that is sufficient to run most of Rockwell Software's suite of products, such as RSView32, RSView SE, RSView ME. All models ship with the Windows XP Professional operating system providing flexibility and compatibility for your applications.

Large capacity and low cost are the principal advantages of hard-drive technology. That makes hard drives an economical storage element for applications that require a large amount of storage, especially in environments that are not susceptible to vibration, shock, and temperature fluctuations. Because hard drives with rotating media are replaceable components, computers with these drives do require preventive maintenance.

Computers with Solid State IDE Flash Drives (6181F)

All models of the 6181F integrated display computers offer solid state IDE flash drives as an alternate choice for data storage. These storage devices do not contain the moving parts of traditional rotating media, making it a more reliable choice for data storage. Solid state drives are most effective for applications where I/O response time is critical. Here are some of the advantages of solid state drives.

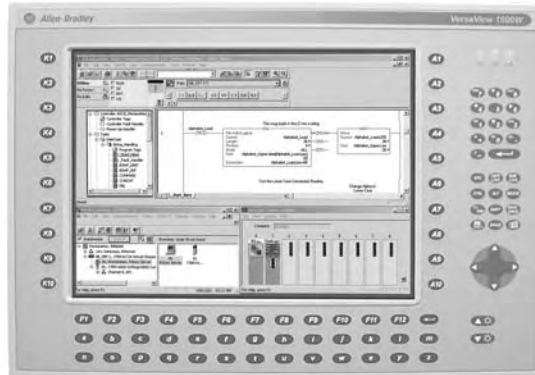
- Greater resilience to physical vibration, shock, and extreme temperature fluctuations
- Absence of moving parts means no mechanical wear-out
- Higher capacity storage and 10 year data integrity
- Drop-in replacement for standard rotating media
- Integrated error detection and correction mechanism, and wear leveling technology improves data reliability

These computers ship with Windows XP Professional for solid state drives. This operating system minimizes the memory consumption of a solid state drive, while still allowing the flexibility of a standard Windows XP Professional operating system.

Workstation Selection Guidelines

- *Select display size*
- *Select standard or performance package*
- *Select operator input: keypad, keypad and touch*
- *Determine power requirements*

VersaView Industrial Workstations



The 1200W and 1500W industrial workstations let you run demanding visual interface, maintenance, control and basic information applications from one machine. These panel-mount machines offer a 12.1 or 15-inch flat panel display, 32 or 36 programmable function keys, a full alphanumeric keypad, and resistive touch screen option. Plus, each model is available with a standard or performance package to meet your specific needs.

With its integrated display and configurable keypads, these powerful and rugged workstations can function as both an industrial computer and an operator input station. The absence of external monitor cables and separate component mounting requirements allows for simple system integration.

Like all VersaView computers, the industrial workstations support multiple communications. All units come standard with Ethernet and serial ports.

Benefits

- Provides a complete package for immediate startup.
- Features standard and performance models with prepackaged options for easy product selection.
- Provides technology change management - no catalog numbers to configure or become outdated.
- Features configurable keys, full alphanumeric keypad, and resistive touch screen option for flexible operator input.
- Offers ac or dc power to meet a wide range of application requirements.
- Includes a cloning utility for system backup and restore.
- Includes a diagnostic utility for hardware analysis and system troubleshooting.
- Offers quick delivery on most VersaView computer and monitor orders.
- Reduces downtime through unit-level immediate exchange program.

Non-Display Computer Selection Guidelines

- *Determine application environment: light or heavy*
- *Select form factor*
- *Select standard or performance package*
- *Determine mounting requirements*

VersaView Non-Display Computers



VersaView non-display industrial computers provide the functionality needed to run factory operations from small visual interface and maintenance applications to large control and information applications. Pairing a powerful VersaView non-display computer with a VersaView monitor produces a workstation capable of directing machines and processes, displaying maintenance information, controlling non-critical processes using SoftLogix, and serving production information for use in decision-making.

All variations of the VersaView non-display industrial computers offer modern computer technology in industrially hardened cases. With a variety of mounting options available, you can mount a VersaView non-display industrial computer almost anywhere in the plant.

Like all VersaView computers, the non-display computers support multiple communications. All units come standard with Ethernet and serial ports.

Benefits

- Offers computing solutions to meet the requirements of the less demanding and more rugged industrial environments.
- Provides a complete package for immediate startup.
- Features standard and performance models with prepackaged options for easy product selection.
- Offers rack, bench/tabletop, machine, and DIN rail mounting options.
- Provides technology change management - no catalog numbers to configure or become outdated.
- Includes a cloning utility for system backup and restore.
- Includes a diagnostic utility for hardware analysis and system troubleshooting
- Offers quick delivery on most VersaView computer and monitor orders.
- Reduces downtime through unit-level immediate exchange program.

Light Industrial Non-Display Computers (750R, 1450R)

Enhance the performance of your application with the powerful, light industrial non-display computers. Whether applied in a control room environment or on the factory floor, these VersaView computer's can match your industrial needs. Designed for the less rugged industrial environments, the light industrial computers can withstand these environmental conditions.

- Temperatures up to 40 °C
- Operating vibrations of 0.5 g
- Operating shock of 10 g

Built to meet today's demanding technology requirements, the non-display computers offer great flexibility at a competitive price. Both the 750R and 1450R are available in standard and performance models. The performance models typically include extended RAM, enhanced CPU performance, and extra optical drive features. The 750R and 1450R also share the same motherboard, offering an 800 MHz front side bus (FSB).

Both models ship with two shock-mounted, hard drive bays that are front accessible. The bottom bay contains a hard drive as original equipment and is rated for 24/7 operations. By loosening just two screws, an additional drive can be installed or a drive replaced.

Heavy Industrial Non-Display Computers (200R, 700R, 1400R)

For the most rugged industrial environments where endurance to high temperature, shock, and vibration is critical, the heavy industrial non-display computers are the answer. These computers can withstand the following environmental conditions.

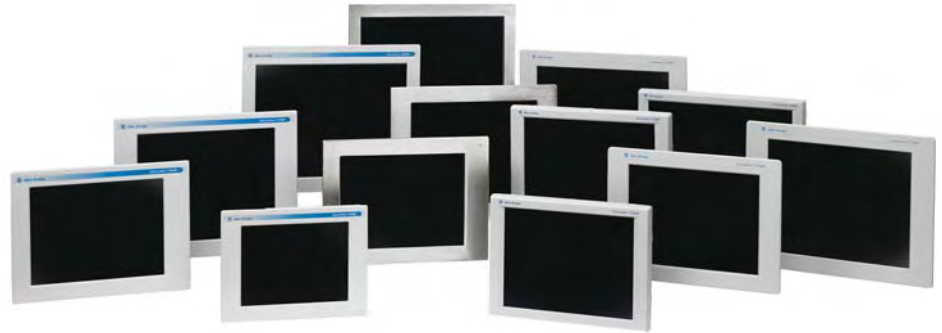
- Temperatures up to 50 °C
- Operating vibrations of 1.0 g
- Operating shock of 15 g

The heavy industrial computers come in three form factors so you can make the call between maximum computing power and compact size. All models provide consumer-grade processing power in industrially hardened packages. Combine the small form factor of the VersaView 200R and a VersaView monitor to create a compact way to view drawings, modify ladder logic, and review manuals. The VersaView 700R and the 1400R computers are available in standard and performance models. The standard models provide the computing power necessary for most visual interface, maintenance, or basic information applications. For even more computing power, the performance models offer higher capacity options.

Monitor Selection Guidelines

- *Determine application environment: light or heavy*
- *Select display size*
- *Determine mounting requirements*
- *Select bezel type (model dependent)*

VersaView Industrial Monitors



Visualizing your application's critical information just got easier. The VersaView industrial monitor's offer industry leading reliability at very competitive prices. Whether your visualization application is on the factory floor or in a control room, the VersaView monitor portfolio has the mounting configuration and interface options you require.

VersaView industrial monitors deliver the latest in LCD flat panel technology for both the less demanding and more rugged industrial environments. Combine these monitors with any of the VersaView non-display computers to create a powerful visualization, maintenance, control, or information computing solution. The monitors provide a bright, clear picture on a resistive or capacitive touch screen using an analog or digital video input signal. Video adjustment is easy using the one button automatic setup function. For additional fine-tuning, control buttons and onscreen (OSD) menus are available.

Benefits

- Offers monitor solutions to meet the requirements of the less demanding and more rugged industrial environments.
- Provides a space saving flat panel design for panel, Vesa, rack, bench/tabletop, and wall mount configurations.
- Configures easily using one button automatic setup of monitor settings.
- Features an optional resistive or capacitive antiglare touch screen for operator input.
- Provides both VGA and DVI video inputs.
- Includes all required cables and power supply for immediate startup.
- Provides Class 1 Division 2 certifications for use in hazardous locations.
- Uses the standard U9-size cutout, making the 20.1 and 19-inch flat panel monitors an easy drop-in replacement for aging CRT and smaller TFT displays.
- Offers quick delivery on most VersaView computer and monitor orders.
- Reduces downtime through unit-level immediate exchange program.

Light Industrial Monitors (1550M, 1750M, 1950M)

For cleaner, less demanding environments that do not require endurance to high temperature, shock and vibration, choose the light industrial monitors. These monitors can withstand the following environmental conditions.

- Temperatures up to 40 °C
- Operating vibrations of 1.0 g
- Operating shock of 15 g

You can select from 15, 17, or 19-inch display sizes and Vesa or panel mount configurations. For models that mount to articulating arms or desktop stands, the Vesa mount configuration gives a clean, "desktop" look. The panel mount configuration provides a NEMA Type 4, IEC IP66 enclosure seal. Both of these popular configurations feature a metal reinforced infrastructure.

The light industrial monitors are designed for ease of use. All monitors have USB and RS-232 touch screen inputs, DVI and VGA inputs, OSD menus for image rotation, color pallet changes, and a simple auto reset with just the push of a button.

Heavy Industrial Monitors (1200M, 1500M, 1700M, 2000M)

For more demanding environments with high temperature, shock and vibration requirements, choose the heavy industrial monitors. These monitors provide the ruggedness needed to withstand these environmental conditions.

- Temperatures up to 50 °C
- Operating vibrations of 2.0 g
- Operating shock of 20 g

Besides offering a range of display sizes, all monitors can be panel, rack, bench/tabletop, or wall mounted and are Vesa mount ready. The 20.1-inch monitor shares the same 9U form factor as smaller 18-inch TFT displays and 19 or 20-inch CRTs making upgrades that much easier. As a drop-in replacement for Allen-Bradley 6185-D/6157-C and Intecolor FP18/E19 panel mount units, the 20.1-inch monitor lets you take advantage of the latest technology without redesigning your panels.

The 12.1-inch monitor has an aluminum bezel, while the 15, 17, and 20.1-inch displays are available with aluminum or stainless steel bezels. For additional application flexibility, all models support ac or dc power.

For applications that demand system survival in the harshest environments, the heavy industrial monitors are up to the challenge. All Allen-Bradley heavy industrial monitors meet Class 1, Division 2, and Zone 2 requirements for operations in North American hazardous locations.

Specifications

VersaView 6181P Integrated Display Computers with Rotating Media

VersaView	1200P *	1500P	1700P
Display			
Display Description	Color Active Matrix TFT Flat Panel Display		
Display Size	12.1 inch	15 inch	17 inch
Display Area (WxH)	246 x 185 mm (9.7 x 7.3 in)	305 x 229 mm (12 x 9 in)	338 x 270 mm (13.3 x 10.7 in)
Resolution	800 x 600 (native mode), 256K colors	1024 x 768 (native mode), 256K colors	1280 x 1024 (native mode), 16.7M colors
Luminance	250 cd/m ² (Nits)	350 cd/m ² (Nits)	260 cd/m ² (Nits)
Backlight	CCFT tubes, 50 000 h (for 1/2 brightness)		
Touch Screen Description	Resistive antiglare		
Bezel	Aluminum	Stainless Steel	
System Components			
Processor Types			
Standard:	Pentium 4 Celeron, 2.0 GHz		
Performance:	Pentium 4, 2.0 GHz		
Expansion Slots Description	2 Half-length PCI, 1 Compact Flash (Type 2)	1 Half-length PCI, 1 Compact Flash (Type 2)	
RAM			
Standard:	256 MB DDR		
Performance:	512 MB DDR		
Hard Drive	40 GB, 2.5 in IDE		
Removable Media			
Standard:	Slim Floppy Drive, Slim CD-ROM Drive		
Performance:	Slim Floppy Drive, Slim DVD-ROM/CD-RW Drive		
I/O	3 Serial ports (4 for non-touch), 2 PS/2 ports (keyboard/mouse), 1 Parallel port, 2 USB 2.0 ports, 10/100 Mbps Ethernet port, 1 VGA port, Audio Line In/Line Out & Microphone		
Operating Systems	Windows XP Professional		
Electrical			
Input Voltage, AC	90...264V ac, autoranging		
Line Frequency	47...63 Hz		
Power Consumption, AC	150VA (1.5 A at 100V rms, 0.63 A at 240V rms)		
Input Voltage, DC	18...32V dc	—	—
Power Consumption, DC	150 W	—	—
Environmental			
Operating Temperature	0...50 °C (32...122 °F)		
Storage Temperature	-20...60 °C (-4...140 °F)		
Relative Humidity	10...90% without condensation		
Vibration, Operating	1 g peak, 10...500 Hz		
Vibration, Non-Operating	2 g peak, 10...500 Hz		
Shock, Operating	15 g (1/2 sine, 11 ms)		
Shock, Non-Operating	30 g (1/2 sine, 11 ms)		
Ratings	NEMA Type 1, 12, 4, IEC IP66		
Certifications	UL/c-UL Listed, CE marked, C-Tick		
Mechanical			
Weight	9.2 kg (21 lb)	10 kg (23 lb)	12.6 kg (28 lb)
Dimensions (HxWxD)	279 x 349 x 176 mm 10.99 x 13.75 x 6.93 in	309 x 410 x 109 mm 12.17 x 16.14 x 4.29 in	356 x 452 x 110 mm 14.02 x 17.80 x 4.32 in
Dimensions, Cutout (HxW)	254 x 324 mm 10 x 12.76 in	285.0 x 386.6 mm 11.24 x 15.22 in	329.5 x 424.0 mm 12.97 x 16.69 in
Mounting Options	Panel Mount	Panel Mount, Vesa Mount Ready	

* Non-display performance versions of the 1200P are available with AC or DC power.

VersaView 6181F Integrated Display Computers with Solid State Drive

VersaView	1200P	1500P	1700P
Display			
Display Description	Color Active Matrix TFT Flat Panel Display		
Display Size	12.1 inch	15 inch	17 inch
Display Area (WxH)	246 x 185 mm (9.7 x 7.3 in)	305 x 229 mm (12 x 9 in)	338 x 270 mm (13.3 x 10.7 in)
Resolution	800 x 600 (native mode), 256K colors	1024 x 768 (native mode), 256K colors	1280 x 1024 (native mode), 16.7M colors
Luminance	250 cd/m ² (Nits)	350 cd/m ² (Nits)	260 cd/m ² (Nits)
Backlight	CCFT tubes, 50 000 h (for 1/2 brightness)		
Touch Screen Description	Resistive Antiglare		
System Components			
Processor Types	Pentium 4, 2.0 GHz		
Expansion Slots Description	2 Half-length PCI, 1 Compact Flash (Type 2)	1 Half-length PCI, 1 Compact Flash (Type 2)	
RAM	1 GB DDR		
Hard Drive	4 GB Solid State Drive, 2.5 in IDE		
Removable Media	Slim DVD-ROM/CD-RW Drive		
I/O	3 Serial ports, 2 PS/2 ports (keyboard/mouse), 1 Parallel port, 2 USB 2.0 ports, 10/100 Mbps Ethernet port, 1 VGA port, Audio Line In/Line Out & Microphone		
Operating Systems	Windows XP Professional for Solid State Drives		
Electrical			
Input Voltage, AC	90...264V ac autoranging		
Line Frequency	47...63 Hz		
Power Consumption, AC	150VA (1.5 A at 100V rms, 0.63 A at 240V rms)		
Environmental			
Operating Temperature	0...50 °C (32...122 °F)		
Storage Temperature	-20...60 °C (-4...140 °F)		
Relative Humidity	10...90% without condensation		
Vibration, Operating	1.5 g peak, 10...500 Hz		
Vibration, Non-Operating	2 g peak, 10...500 Hz		
Shock, Operating	15 g (1/2 sine, 11 ms)		
Shock, Non-Operating	30 g (1/2 sine, 11 ms)		
Ratings	NEMA Type 1, 12, 4, IEC IP66		
Certifications	UL/c-UL Listed, CE marked, C-Tick		
Mechanical			
Weight	9.2 kg (21 lb)	10 kg (23 lb)	12.6 kg (28 lb)
Dimensions (HxWxD)	279 x 349 x 176 mm 10.99 x 13.75 x 6.93 in	309 x 410 x 109 mm 12.17 x 16.14 x 4.29 in	356 x 452 x 110 mm 14.02 x 17.80 x 4.32 in
Dimensions, Cutout (HxW)	254 x 324 mm 10 x 12.76 in	285.0 x 386.6 mm 11.24 x 15.22 in	329.5 x 424.0 mm 12.97 x 16.69 in
Mounting Options	Panel Mount		
		Panel Mount, Vesa Mount	

VersaView 6180W Workstations

VersaView	1200W	1500W
Display		
Display Description	Color Active Matrix TFT Flat Panel Display	Color Active Matrix TFT Flat Panel Display
Display Size	12.1 inch	15 inch
Display Area (WxH)	246 x 185 mm (9.7 x 7.3 in)	305 x 229 mm (12 x 9 in)
Resolution	800 x 600	1024 x 768
Touch Screen Description	Resistive Antiglare	
Keypad Description	36 Function Keys, Full Alphanumeric Keyboard	32 Function Keys, Full Alphanumeric Keyboard
System Components		
Processor Types		
Standard:	Pentium 4 Celeron, 2.0 GHz	
Performance:	Pentium 4, 2.0 GHz	
Expansion Slots Description	2 Half-length PCI, 2 Full-length ISA	
RAM		
Standard:	256 MB DIMM	
Performance:	512 MB DIMM	
Hard Drive	80 GB, 3.5 in IDE	
Removable Media		
Standard:	3.5 in Floppy Drive, CD-ROM Drive	
Performance:	3.5 in Floppy Drive, DVD-ROM/CD-RW Drive	
I/O	1 Serial port, 1 Parallel port, 2 USB 1.1 ports, 10/100 Mbps Ethernet port, 1 VGA port	
Operating Systems	Windows XP Professional	
Electrical		
Input Voltage, AC	90...264V ac, autoswitching	
Line Frequency	47...63 Hz	
Power Consumption, AC	160VA (1.6 A at 100V rms, 0.67 A at 240V rms)	
Input Voltage, DC	19...32V dc	
Power Consumption, DC	180 W (7.5 A at 24V dc)	
Inrush Current at 24V	20 A peak, 5 ms	
Environmental		
Operating Temperature	0...50 °C (32...122 °F)	
Storage Temperature	-20...60 °C (-4...140 °F)	
Relative Humidity, Operating	20...90% without condensation	
Vibration, Operating	1 g peak, 10...500 Hz	
Vibration, Non-Operating	2 g peak, 10...500 Hz	
Shock, Operating	15 g (1/2 sine, 11 ms)	
Shock, Non-Operating	30 g (1/2 sine, 11 ms)	
Ratings	NEMA Type 4, 12, IEC IP66	
Certifications	UL/c-UL Listed, CE marked, C-Tick	
Mechanical		
Weight	17 kg (37.4 lb)	18.5 kg (40.8 lb)
Dimensions (HxWxD)	311 x 483 x 297 mm 12.25 x 19.01 x 11.70 in	355 x 483 x 225 mm 13.97 x 19.01 x 8.86 in
Dimensions, Cutout (HxW)	279 x 450 mm 10.98 x 17.72 in	326.4 x 429.3 mm 12.85 x 16.90 in
Mounting Options	Panel Mount	

VersaView 6155R Heavy Industrial Non-Display Computers

VersaView	200R	700R	1400R
System Components			
Display Description	Requires External Monitor		
Processor Types			
Standard:	VIA C3, 1 GHz	Pentium 4 Celeron, 2.0 GHz	
Performance:	VIA C3, 1 GHz	Pentium 4, 2.0 GHz	
Expansion Slots Description	1 PCMCIA slot (Supports Type 1, 2, 3 Cards) on Performance Units	Half-length: 3 PCI slots Full-length: 2 ISA slots (1 Compact Flash Connector internal)	Half-length: 3 PCI, 2 ISA slots Full-length: 4 PCI, 3 ISA slots (1 Compact Flash Connector internal)
RAM			
Standard:	256 MB SODIMM	256 MB DIMM	
Performance:	512 MB SODIMM	512 MB DIMM	
Hard Drive	40 GB, 2.5 in IDE	80 GB, 3.5 in IDE	
Removable Media			
Standard:	—	3.5 in Floppy Drive Slim CD-ROM Drive	3.5 in Floppy Drive CD-ROM Drive
Performance:	—	3.5 in Floppy Drive Slim DVD-ROM/CD-RW Drive	3.5 in Floppy Drive DVD-ROM/CD-RW Drive
I/O	1 Serial port, 1 PS/2 port (keyboard/mouse), 1 Parallel port, 10/100 Mbps Ethernet port, 1 VGA port, 2 USB 1.1 ports, Audio Line In/Line Out & Microphone	2 Serial ports, 1 PS/2 port (keyboard/mouse), 1 Parallel port, 10/100 Mbps Ethernet port, 1 VGA port, 1 USB 1.1 port, 1 Audio Out	
Operating Systems	Windows XP Professional		
Electrical			
Input Voltage, AC	90...264V ac, autoranging		
Line Frequency	47...63 Hz		
Power Consumption, AC	30VA (0.5 A at 100V rms, 0.28 A at 240V rms)	130 VA (1.3 A at 100V rms, 0.54 A at 240V rms)	150VA (1.5 A at 100V rms, 0.63 A at 240V rms)
Environmental			
Operating Temperature	0...50 °C (32...122 °F)		
Storage Temperature	-20...60 °C (-4...140 °F)		
Relative Humidity	10...90% without condensation		
Vibration, Operating	1 g peak, 10...500 Hz		
Vibration, Non-Operating	2 g peak, 10...500 Hz		
Shock, Operating	15 g (1/2 sine, 11 ms)		
Shock, Non-Operating	30 g (1/2 sine, 11 ms)		
Ratings	NEMA Type 1		
Certifications	UL/c-UL Listed, CE marked, C-Tick		
Mechanical			
Weight	2.1 kg (4.7 lb)	10.8 kg (23.7 lb)	17.4 kg (38.3 lb)
Dimensions (HxWxD)	115 x 172 x 152 mm 4.54 x 6.78 x 5.98 in	258 x 192 x 431 mm 10.16 x 7.56 x 16.98 in	176 x 482 x 560 mm 6.93 x 18.97 x 22.05 in
Mounting Options	DIN Rail, Machine Mount	Machine Mount	4U Rack Mount

VersaView 6177R Light Industrial Non-Display Computers

VersaView	750R	1450R
System Components		
Display Description	Requires External Monitor	
Processor Types		
Standard:	Pentium 4 Celeron, 2.66 GHz	
Performance:	Pentium 4, 3.0 GHz	
Expansion Slots Description	Half-Length: 3 PCI Slots, 1 PCI-Express Slot	Half-Length: 6 PCI Slots, 1 PCI-Express Slot
RAM		
Standard:	512 MB DDR2	
Performance:	1 GB DDR2 (2 DIMMs, 512 MB)	
Hard Drive	80 GB, 3.5 in SATA	
Removable Media		
Standard:	Slim CD-ROM Drive	
Performance:	Slim DVD-ROM/CD-RW Drive	
I/O	2 Serial ports, 1 PS/2 Keyboard port, 1 PS/2 Mouse port, 1 Parallel port, 2 Gigabit Ethernet ports (10/100/1000 Mbps), 1 VGA port, 6 USB 2.0 ports (4 rear, 2 front), Audio Line In/Line Out & Microphone	
Operating Systems	Windows XP Professional	
Electrical		
Input Voltage, AC	90...264V ac, autoranging	
Line Frequency	47...63 Hz	
Power Consumption, AC	265VA (2.7 A at 100 Vrms, 1.1 A at 240V rms)	
Environmental		
Operating Temperature	0...40 °C (32...104 °F)	
Storage Temperature	-20...60 °C (-4...140 °F)	
Relative Humidity	10...90% without condensation	
Vibration, Operating	0.5 g peak, 10...640 Hz	
Vibration, Non-Operating	1 g peak, 10...640 Hz	
Shock, Operating	10 g (1/2 sine, 11 ms)	
Shock, Non-Operating	15 g (1/2 sine, 11 ms)	
Ratings	NEMA Type 1	
Certifications	UL/c-UL Listed, CE marked, C-Tick, RoHS compliant	
Mechanical		
Weight	13.8 kg (30.4 lb)	14.0 kg (30.9 lb)
Dimensions (HxWxD)	360 x 170 x 381 mm 14.17 x 6.69 x 15.01 in	176 x 431 x 465 mm 6.93 x 16.97 x 18.31 in
Mounting Options	M4 Machine Mount	4U Rack Mount

VersaView 6186-M Heavy Industrial Monitors

VersaView	1200M	1500M	1700M	2000M
Display				
Display Description	Color Active Matrix TFT Flat Panel Display			
Display Size	12.1 inch	15 inch	17 inch	20.1 inch
Display Area (WxH)	246 x 185 mm (9.7 x 7.3 in)	305 x 229 mm (12 x 9 in)	338 x 270 mm (13.3 x 10.7 in)	408 x 306 mm (16 x 12 in)
Bezel	Aluminum	Aluminum or Stainless Steel		
Luminance	250 cd/m ² (Nits)	350 cd/m ² (Nits)	260 cd/m ² (Nits)	250 cd/m ² (Nits)
Contrast Ratio	250:1	400:1	450:1	500:1
Resolution	800 x 600 (native mode), 256 K Colors	1024 x 768 (native mode), 256K colors	1280 x 1024 (native mode), 16.7M colors	1600 x 1200 (native mode), 16.7M colors
Backlight	CCFT tubes, 50 000 h (for 1/2 brightness)			CCFT tubes, 60 000 h (for 1/2 brightness)
Video Input Signal	Analog (VGA)	DVI and Analog (VGA)		
Video Interface	HD-15 (5-BNC connector support through cable adapter)	HD-15 or DVI (5-BNC connector support through cable adapter)		
Touch Screen Description	Resistive Antiglare	Resistive Antiglare or Capacitive Antiglare		Resistive Antiglare
OSD Controls/Indicators	Automatic Screen Setup (OSD), Brightness, Contrast, Horizontal/Vertical Position, Image Lock, Color Balance, Video Information, Power On and Sync detected			
Electrical				
Input Voltage, AC	90...264V ac, autoranging			
Line Frequency	47...63 Hz			
Power Consumption, AC	12 W max.	24 W max.	36 W max.	58 W max.
Input Voltage, DC	12V dc	12V dc or 24V dc		
Environmental				
Operating Temperature	0...50 °C (32...122 °F)			
Storage Temperature	-20...60 °C (-4...140 °F)			
Relative Humidity	10...90% without condensation			
Vibration, Operating	2 g peak, 10...640 Hz			
Vibration, Non-Operating	2 g peak, 10...640 Hz			
Shock, Operating	20 g (1/2 sine, 11 ms)			
Shock, Non-Operating	30 g (1/2 sine, 11 ms)			
Ratings	NEMA Type 12, 4, 4X, IEC IP66			
Certifications	UL/c-UL Listed, UL 1604 Hazardous Locations Class 1 Div 2, CE marked, C-Tick			
Mechanical				
Weight	5 kg (11.0 lb)	9 kg (19.8 lb)	10 kg (22.01 lb)	11 kg (24.25 lb)
Dimensions (HxWxD)	260 x 340 x 56 mm 10.24 x 13.39 x 2.21 in	309 x 410 x 58 mm 12.2 x 16.14 x 2.28 in	356 x 452 x 55 mm 14.02 x 17.80 x 2.16 in	399 x 483 x 74 mm 15.7 x 19.0 x 2.9 in
Dimensions, Cutout (HxW)	254 x 324 mm 10.0 x 12.76 in	285.6 x 386.6 mm 11.24 x 15.22 in	329.5 x 424.0 mm 12.97 x 16.69 in	363.5 x 449.6 mm 14.31 x 17.70 in
Mounting Options	Panel, Rack, Bench/Tabletop, Wall, Vesa Mount Ready			

VersaView 6176M Light Industrial Monitors

VersaView	1550M	1750M	1950M
Display			
Display Description	Color Active Matrix TFT Flat Panel Display		
Display Size	15 inch	17 inch	19 inch
Display Area (WxH)	305 x 229 (12 x 9 in)	338 x 270 mm (13.3 x 10.7 in)	377 x 302 mm (14.8 x 11.9)
Luminance	350 cd/m ² (Nits)	300 cd/m ² (Nits)	250 cd/m ² (Nits)
Contrast Ratio	400:1	500:1	800:1
Resolution	1024 x 768 (native mode), 256K colors	1280 x 1024 (native mode), 16.7M colors	1280 x 1024 (native mode), 16.7M colors
Backlight	CCFT tubes, 50 000 h (for 1/2 brightness)		
Video Input Signal	DVI and Analog (VGA)		
Touch Screen Description	Resistive Antiglare (RS232 and USB Inputs)		
OSD Controls/Indicators	Automatic Screen Setup (OSD), Brightness, Contrast, Horizontal/Vertical Position, Image Lock, Color Balance, Video Information, and Sync detected		
Electrical			
Input Voltage, AC	90...264V ac, autoranging		
Line Frequency	47...63 Hz		
Power Consumption, AC	2 A at 24 W	3 A at 36 W	3.5 A at 42 W
Input Voltage, DC	12V dc, power adapter required		
Environmental			
Operating Temperature	0...40 °C (32...104 °F)		
Storage Temperature	-20...60 °C (-4...140 °F)		
Relative Humidity	10...90% without condensation		
Vibration, Operating	1 g peak, 10...640 Hz		
Vibration, Non-Operating	2 g peak, 10...640 Hz		
Shock, Operating	10 g (1/2 sine, 11 ms)		
Shock, Non-Operating	15 g (1/2 sine, 11 ms)		
Ratings*	NEMA Type 12, 4, IEC IP66		
Certifications	UL/c-UL Listed, CE marked, C-Tick, RoHS compliant		
Mechanical			
Weight, Panel Mount	4.1 kg (9.02 lb)	5.7 kg (12.54 lb)	7.5 kg (16.50 lb)
Weight, Vesa Mount	3.1 kg (6.82 lb)	4.6 kg (10.12 lb)	6.0 kg (13.20 lb)
Dimensions (HxWxD) Panel Mount	309 x 410 x 50 mm 12.2 x 16.1 x 2.0 in	356 x 452 x 53 mm 14.0 x 17.8 x 2.1 in	399.3 x 482.6 x 58.0 mm 15.7 x 19.0 x 2.3 in
Dimensions (HxWxD) Vesa Mount	282.6 x 383.6 x 50.0 mm 11.0 x 15.0 x 2.0 in	326.5 x 421.0 x 53.0 mm 12.9 x 16.6 x 2.1 in	357 x 444 x 58 mm 14.1 x 17.5 x 2.3 in
Dimensions, Cutout (HxW) Panel Mount	285.6 x 386.6 mm 11.24 x 15.22 in	329.5 x 424.0 mm 12.97 x 16.69 in	363.5 x 449.6 mm 14.31 x 17.70 in
Mounting Options	Panel Mount, Vesa Mount, Bench/Tabletop, Rack Mount (19 inch only)		

* Ratings apply to panel-mounted monitors.

Product Selection

VersaView 6181P Integrated Display Computers with Rotating Media

Cat. No.	Description
VersaView 1200P	
6181P-12NSXPH	Integrated Display Computer, 12.1-inch TFT Display, Standard Package
6181P-12NPXPH	Integrated Display Computer, 12.1-inch TFT Display, Performance Package
6181P-12TSXPH	Integrated Display Computer, 12.1-inch TFT Display, Touch Screen, Standard Package
6181P-12TPXPH	Integrated Display Computer, 12.1-inch TFT Display, Touch Screen, Performance Package
6181P-12TPXPHDC	Integrated Display Computer, 12.1-inch TFT Display, Touch Screen, 24V dc Power, Performance Package
VersaView 1500P	
6181P-15NSXPH	Integrated Display Computer, 15-inch TFT Display, Standard Package
6181P-15NPXPH	Integrated Display Computer, 15-inch TFT Display, Performance Package
6181P-15TSXPH	Integrated Display Computer, 15-inch TFT Display, Touch Screen, Standard Package
6181P-15TPXPH	Integrated Display Computer, 15-inch TFT Display, Touch Screen, Performance Package
6181P-15TPXPHSS	Integrated Display Computer, Stainless Steel, 15-inch TFT Display, Touch Screen, Performance Package
VersaView 1700P	
6181P-17NSXPH	Integrated Display Computer, 17-inch TFT Display, Standard Package
6181P-17NPXPH	Integrated Display Computer, 17-inch TFT Display, Performance Package
6181P-17TSXPH	Integrated Display Computer, 17-inch TFT Display, Touch Screen, Standard Package
6181P-17TPXPH	Integrated Display Computer, 17-inch TFT Display, Touch Screen, Performance Package
6181P-17TPXPHSS	Integrated Display Computer, Stainless Steel, 17-inch TFT Display, Touch Screen, Performance Package
VersaView 1200P - Non-Display Versions	
6181P-2PXP	Non-Display Computer, Performance Package
6181P-2PXPDC	Non-Display Computer, 24V dc Power, Performance Package

VersaView 6181F Integrated Display Computers with Solid State Drive

Cat. No.	Description
VersaView 1200P - Solid State	
6181F-12TPXPH	Integrated Display Computer, 12.1-inch TFT Display, Touch Screen, Solid State Drive, Performance Package
VersaView 1500P - Solid State	
6181F-15TPXPH	Integrated Display Computer, 15-inch TFT Display, Touch Screen, Solid State Drive, Performance Package
VersaView 1700P - Solid State	
6181F-17TPXPH	Integrated Display Computer, 17-inch TFT Display, Touch Screen, Solid State Drive, Performance Package

VersaView 6180W Workstations

Cat. No.	Description
VersaView 1200W	
6180W-12KSXPH	Workstation, 12.1-inch TFT Display, Keypad, Standard Package
6180W-12KPXPH	Workstation, 12.1-inch TFT Display, Keypad, Performance Package
6180W-12BSXPH	Workstation, 12.1-inch TFT Display, Keypad and Touch Screen, Standard Package
6180W-12BPXPH	Workstation, 12.1-inch TFT Display, Keypad and Touch Screen, Performance Package
6180W-12BPXPHDC	Workstation, 12.1-inch TFT Display, Keypad and Touch Screen, 24V dc Power, Performance Package
VersaView 1500W	
6180W-15KSXPH	Workstation, 15-inch TFT Display, Keypad, Standard Package
6180W-15KPXPH	Workstation, 15-inch TFT Display, Keypad, Performance Package
6180W-15BSXPH	Workstation, 15-inch TFT Display, Keypad and Touch Screen, Standard Package
6180W-15BPXPH	Workstation, 15-inch TFT Display, Keypad and Touch Screen, Performance Package
6180W-15BPXPHDC	Workstation, 15-inch TFT Display, Keypad and Touch Screen, 24V dc Power, Performance Package

VersaView 6155R Heavy Industrial Non-Display Computers

Cat. No.	Description
VersaView 200R	
6155R-NSXPH	Non-Display Computer, No Slots, Standard Package
6155R-NPXPH	Non-Display Computer, No Slots, Performance Package
VersaView 700R	
6155R-7SXPH	Non-Display Computer, 7 Slot, Machine Mount, Standard Package
6155R-7PXPH	Non-Display Computer, 7 Slot, Machine Mount, Performance Package
VersaView 1400R	
6155R-14SXPH	Non-Display Computer, 14 Slot, 4U Rack Mount, Standard Package
6155R-14PXPH	Non-Display Computer, 14 Slot, 4U Rack Mount, Performance Package

VersaView 6177R Light Industrial Non-Display Computers

Cat. No.	Description
VersaView 750R	
6177R-M4SXP	Non-Display Computer, 4 Slot, Machine Mount, Standard Package
6177R-M4PXP	Non-Display Computer, 4 Slot, Machine Mount, Performance Package
VersaView 1450R	
6177R-R4SXP	Non-Display Computer, 7 Slot, 4U Rack Mount, Standard Package
6177R-R4PXP	Non-Display Computer, 7 Slot, 4U Rack Mount, Performance Package

VersaView 6186-M Heavy Industrial Monitors

Cat. No.	Description
VersaView 1200M	
6186-M12AL	12.1-inch Flat Panel Monitor, Aluminum Bezel; Includes required cables and power supply
6186-M12ALTR	12.1-inch Flat Panel Monitor, Aluminum Bezel, Resistive Touch Screen; Includes required cables and power supply
VersaView 1500M	
6186-M15AL	15-inch Flat Panel Monitor, Aluminum Bezel; Includes required cables and power supply
6186-M15SS	15-inch Flat Panel Monitor, Stainless Steel Bezel; Includes required cables and power supply
6186-M15ALTR	15-inch Flat Panel Monitor, Aluminum Bezel, Resistive Touch Screen; Includes required cables and power supply
6186-M15SSSTR	15-inch Flat Panel Monitor, Stainless Steel Bezel, Resistive Touch Screen; Includes required cables and power supply
6186-M15ALTC	15-inch Flat Panel Monitor, Aluminum Bezel, Capacitive Touch Screen; Includes required cables and power supply
VersaView 1700M	
6186-M17AL	17-inch Flat Panel Monitor, Aluminum Bezel; Includes required cables and power supply
6186-M17SS	17-inch Flat Panel Monitor, Stainless Steel Bezel; Includes required cables and power supply
6186-M17ALTR	17-inch Flat Panel Monitor, Aluminum Bezel, Resistive Touch Screen; Includes required cables and power supply
6186-M17SSSTR	17-inch Flat Panel Monitor, Stainless Steel Bezel, Resistive Touch Screen; Includes required cables and power supply
6186-M17ALTC	17-inch Flat Panel Monitor, Aluminum Bezel, Capacitive Touch Screen; Includes required cables and power supply
VersaView 2000M	
6186-M20AL	20.1-inch Flat Panel Monitor, Aluminum Bezel; Includes required cables and power supply
6186-M20SS	20.1-inch Flat Panel Monitor, Stainless Steel Bezel; Includes required cables and power supply
6186-M20ALTR	20.1-inch Flat Panel Monitor, Aluminum Bezel, Resistive Touch Screen; Includes required cables and power supply
6186-M20SSSTR	20.1-inch Flat Panel Monitor, Stainless Steel Bezel, Resistive Touch Screen; Includes required cables and power supply

VersaView 6176M Light Industrial Monitors

Cat. No.	Description
VersaView 1550M	
6176M-15PN	15-inch Flat Panel Monitor, Panel Mount Aluminum Bezel; Includes required cables and power supply
6176M-15PT	15-inch Flat Panel Monitor, Panel Mount Aluminum Bezel, Resistive Touch Screen; Includes required cables and power supply
6176M-15VN	15-inch Flat Panel Monitor, Vesa Mount Plastic Bezel; Includes required cables and power supply
6176M-15VT	15-inch Flat Panel Monitor, Vesa Mount Plastic Bezel, Resistive Touch Screen; Includes required cables and power supply
VersaView 1750M	
6176M-17PN	17-inch Flat Panel Monitor, Panel Mount Aluminum Bezel; Includes required cables and power supply
6176M-17PT	17-inch Flat Panel Monitor, Panel Mount Aluminum Bezel, Resistive Touch Screen; Includes required cables and power supply
6176M-17VN	17-inch Flat Panel Monitor, Vesa Mount Plastic Bezel; Includes required cables and power supply
6176M-17VT	17-inch Flat Panel Monitor, Vesa Mount Plastic Bezel, Resistive Touch Screen; Includes required cables and power supply
VersaView 1950M	
6176M-19PN	19-inch Flat Panel Monitor, Panel Mount Aluminum Bezel; Includes required cables and power supply
6176M-19PT	19-inch Flat Panel Monitor, Panel Mount Aluminum Bezel, Resistive Touch Screen; Includes required cables and power supply
6176M-19VN	19-inch Flat Panel Monitor, Vesa Mount Plastic Bezel; Includes required cables and power supply
6176M-19VT	19-inch Flat Panel Monitor, Vesa Mount Plastic Bezel, Resistive Touch Screen; Includes required cables and power supply

Product Accessories

Utilities

Cat. No.	Description	For Use With
6189V-UTILCD	Cloning Utility for system backup and restore	6155R, 6177R, 6180W, 6181F, 6181P

Drives

Cat. No.	Description	For Use With
6189V-25HDD	2.5-in IDE Hard Disk Drive Standard	6155R-N, 6181P
6189V-25HDDKIT	2.5-in IDE Hard Disk Drive Upgrade Kit	6181P
6189V-25HDDSA	2.5-in IDE Hard Disk Drive Shock Absorbers (2)	6181P
6189V-35HDD	3.5-in IDE Hard Disk Drive Standard	6155R-7, 6155R-14, 6180W
6189V-35HDDSATA	3.5-in SATA Hard Disk Drive Standard	6177R
6189V-COMBO	CDRW/DVD-ROM Combo Drive (Full)	6155R-14, 6180W
6189V-SLCOMBO	CDRW/DVD-ROM Combo Drive (Slim)	6155R-7, 6177R, 6181F, 6181P
6189V-FD144	Floppy Disk Drive (Full)	6155R-7, 6155R-14, 6180W
6189V-SLFD144	Floppy Disk Drive (Slim)	6181P

Memory Modules

Cat. No.	Description	For Use With
6189V-DIMM512	512 MB DIMM Memory	6155R-7, 6155R-14, 6180W Series A or B, 6181P-15 and 6181P-17 Series A only
6189V-DDR256	256 MB DDR Memory	6181F, 6181P Series B/C
6189V-DDR512	512 MB DDR Memory	6181F, 6181P Series B/C
6189V-DDR1G	1024 MB DDR Memory	6181F, 6181P Series B/C
6189V-512MDDR2	512 MB DDR2 Memory	6177R
6189V-1GDDR2	1024 MB DDR2 Memory	6177R

Add-In Cards and Modules

Cat. No.	Description	For Use With
6189V-2PCI15	PCI Expansion Slot Kit Provides 2 PCI Card Slots	6181F-15, 6181P-15
6189-COMMCARD	RS-232 Serial PCI Communication Card	6155R-7, 6155R-14, 6180W, 6181F, 6181P
6189V-PCINET	Ethernet PCI Card, 10/100/1000 Mbps	6155R-7, 6155R-14, 6177R, 6180W, 6181F, 6181P
6189V-PCIDVI	PCI AGP/DVI Video Card, Dual Outputs	6155R-7, 6155R-14, 6180W, 6181F, 6181P
6189V-RAIDSATA	SATA RAID 0 and RAID 1 PCI Card	6177R
6189V-OB36	Digital Output Accessory	6180W-12 only

Power Supplies

Cat. No.	Description	For Use With
6189V-MPS	AC Power Supply, 90...264V ac, 50 W	6176M, 6186-M12, 6186-M15, 6186-M17
6189V-MMAPS	Power Supply Adapter Bracket for 6189V-MPS	6186-M12, 6186-M15, 6186-M17
6189V-MPS2	AC Power Supply, 90...264V ac, 80 W	6186-M20
6189V-MMAPS2	Power Supply Adapter Bracket for 6189V-MPS2	6186-M20
6189V-ACPS	AC Power Supply, ATX Standard	6155R-7, 6155R-14
6189V-DCPS	DC Power Supply	6155R-7, 6155R-14
6189V-ACPSWS	AC Power Supply, ATX Standard	6180W
6189V-DCPSWS	DC Power Supply	6180W

Fans

Cat. No.	Description	For Use With
6189V-FANFIL1	Fan Filter, 5 Pack	6180W
6189V-FANFIL2	Fan Filter, 5 Pack	6155R-14
6189V-FANFIL3	Fan Filter, 5 Pack	6155R-7

Screen Protectors

Cat. No.	Description	For Use With
6189V-SCRNCOVER12	Protective Screen Cover (Qty 10)	6180W-12, 6181F-12, 6181P-12, 6186-M12
6189V-SCRNCOVER15	Protective Screen Cover (Qty 10)	6180W-15, 6181F-15, 6181P-15, 6176M-15, 6186-M15
6189V-SCRNCOVER17	Protective Screen Cover (Qty 10)	6181F-17, 6181P-17, 6176M-17, 6186-M17
6189V-SCRNCOVER20	Protective Screen Cover (Qty 10)	6186-M20
6189V-15PCOVER	15-in Vinyl Bezel Cover	6181F-15, 6181P-15, 6186-M15

Mounting Hardware

Cat. No.	Description	For Use With
6189V-MMA12	Panel Adapter, 6185-B to 6186-M12	6186-M12
6189V-MMA15	Panel Adapter, 6185-C/F/H to Current	6176M-15, 6186-M15
6189V-MMA17	Panel Adapter, 6185-D/J to Current	6176M-17, 6186-M17
6189V-MRA12	Rack Adapter, 12-in	6186-M12
6189V-MRA15	Rack Adapter, 15-in	6176M-15, 6186-M15
6189V-MRA17	Rack Adapter, 17-in, 6185-K/N to Current	6176M-17, 6186-M17
6189V-MBA	Bench/Table Top Adapter	6176M, 6186M, 6181F-15, 6181P-15
6189V-MCLPS	Mounting Clips (Qty 14)	6186M, 6181P
6189V-MCLPS2	Mounting Clips (Qty 12)	6176M
6189V-RACKSLIDES	Rackslides	6155R-14, 6177R-R4

Cables

Cat. No.	Description	For Use With
6189-SE2003	Analog (VGA) Video Cable, 6 ft (1.8 m)	6176M, 6186-M
6189V-DVICBL2	Digital Video Cable, 2 m (6.5 ft)	6176M, 6186-M15, 6186-M17, 6186-M20
6189V-DVICBL5	Digital Video Cable, 5 m (16.4 ft)	6176M, 6186-M15, 6186-M17, 6186-M20
2711-NC13	Touch Screen Cable, 5 m (16.4 ft)	6176M, 6186-M
6189V-ACCORD	Power Supply Cord, 115V ac, Shielded	All
6189V-KMYCONN	Y-Adapter	Computers
9300-USBS	USB to Serial Cable	Computers

Industrial Keyboards and Pointing Devices

Cat. No.	Description	For Use With
6189-HPMOUSE	Desktop Mouse, Stainless Steel, 3-Button, PS/2	6155R, 6177R, 6180W, 6181F, 6181P
6189-HPMOUSEP	Panel Mount Mouse, Stainless Steel, 3-Button, PS/2	6155R, 6177R, 6180W, 6181F, 6181P
6189-KBDEPS1	Desktop Keyboard/Mouse, Stainless Steel, 114 Keys, PS/2	6155R, 6177R, 6180W, 6181F, 6181P
6189-KBPEPS1	Panel Mount Keyboard/Mouse, Stainless Steel, 114 Keys, PS/2	6155R, 6177R, 6180W, 6181F, 6181P
6189-KBDEPU1	Desktop Keyboard/Mouse, Polycarbonate, 86 Keys, PS/2	6155R, 6177R, 6180W, 6181F, 6181P
6189-KBDEPU1U	Desktop Keyboard/Mouse, Polycarbonate, 86 Keys, USB	6155R, 6177R, 6180W, 6181F, 6181P
6189-KBDEPC1U	Desktop Keyboard/Mouse, Polycarbonate, 116 Keys, USB	6155R, 6177R, 6180W, 6181F, 6181P

Select HMI Software

TECHNOLOGY			
Customer Needs/Wants:	RSView32	RSView SE	RSView ME
Operating Systems	Windows XP/2000/NT/9x/ Windows Server 2003	Windows XP/2000 Windows Server 2003	Windows XP/2000/CE
Embedded Platforms			✓
Windows Domain Security	✓	✓	✓
OPC/ActiveX	✓	✓	✓
FactoryTalk Enabled	✓	✓	✓
Server-side VBA	✓		
Client-side VBA		✓	

ARCHITECTURE			
Customer Needs/Wants:	RSView32	RSView SE	RSView ME
Primary Application	Supervisory level: single-station or single-server, multiple-client	Supervisory level: single-station or multiple-server, multiple-client	Machine level: single-station
Tag-based HMI	✓	✓	✓
Direct Referencing		✓	✓
		Distributed	Station
Max. Number of Servers/Clients	1/20	10/50	
Web Clients	✓	✓	
Thin Clients (Terminal Services)	✓	✓	
Multi-user Development		✓	
Remote Configuration at Runtime		✓	
Redundancy - Data Server		✓	
Redundancy - HMI Server	Active Display	✓	

FEATURES			
Customer Needs/Wants:	RSView32	RSView SE	RSView ME
Animation Visibility, color, fill, horizontal and vertical position, width, height, rotation, horizontal and vertical slider, ...	and touch	and touch	no touch
Alarming	Tag-based: digital & analog; definable alarm severities, alarm log	Tag-based: digital & analog; definable alarm severities, alarm log	State-based (from controller); alarm log
Data Logging	20+ data log models; each with up to 10,000 tags; log to ODBC or dbf database	20 data log models per project; each with up to 10,000 tags; log to ODBC or proprietary database	1 data log model; up to 100 tags; 300K records max; export to dbf
Trending	TrendX 3.1 & native	TrendX 4.0	TrendX 4.0 (subset)
Security	Security assigned to tags, graphic displays, macros, commands, OLE objects; local or Windows security	Security assigned to tags, graphic displays, macros, commands, OLE objects; local or Windows security	Display-based; local or Windows security
Additional Features	Test run; macros; derived tags; event detector	Test run; macros; derived tags; event detector	Test run; macros
Pricing Model	Tag-based pricing; multiple levels	Display-based pricing; multiple levels	Included with PanelView Plus, VersaView CE; or Display-based pricing; multiple levels for XP/2000

HMI Software Products - Rockwell Software

RSView Supervisory Edition

Cat. No.	Description
<i>Order localized versions of RSView Supervisory Edition by replacing the EN in the catalog number with DE for German, FR for French, or JP for Japanese.</i>	
9701-VWSTENE	RSView Studio - Configuration software for developing and testing machine level and supervisory level HMI applications
9701-VWSCWAENE	RSView SE Client - Software for viewing and interacting with RSView SE Servers
9701-VWSCRAENE	RSView SE Client: View Only - Provides read-only capabilities
RSView SE Server - Stores HMI project components and serves same to clients, for example, graphics displays.	
RSView Supervisory Edition Station	
9701-VWSB025AENE	RSView SE Station 25 Display
9701-VWSB100AENE	RSView SE Station 100 Display
9701-VWSB250AENE	RSView SE Station 250 Display
9701-VWSB000AENE	RSView SE Station Unlimited Display

RSView Supervisory Edition with RSLinx Enterprise

Cat. No.	Description
<i>The Linc bundle is RSLinx Classic (2.x) for RSView and also RSLinx Enterprise</i>	
9701-VWSS025LENE	RSLinx SE Server 25 Display with RSLinx Bundle
9701-VWSS100LENE	RSLinx SE Server 100 Display with RSLinx Bundle
9701-VWSS250LENE	RSLinx SE Server 250 Display with RSLinx Bundle
9701-VWSS000LENE	RSLinx SE Server Unlimited Display with RSLinx Bundle

RSView Machine Edition

Cat. No.	Description
<i>Order localized versions of RSView Machine Edition by replacing the EN in the catalog number with DE for German, FR for French, or JP for Japanese.</i>	
<i>RSView Machine Edition includes RSLinx Enterprise and KEPServer Enterprise.</i>	
9701-VWSTMENE	RSView Studio for Machine Edition - Configuration Software for developing and testing machine level HMI applications
RSView Machine Edition Station Runtime for Windows 2000/XP *	
Used to run RSView ME projects created with RSView Studio on any computer with the Windows 2000/XP operating system including the VersaView Industrial Computers *	
9701-VWMR015AENE	RSView Machine Edition Station Runtime 15 Displays - Windows 2000/XP
9701-VWMR030AENE	RSView Machine Edition Station Runtime 30 Displays - Windows 2000/XP
9701-VWMR075AENE	RSView Machine Edition Station Runtime 75 Displays - Windows 2000/XP

* RSView Machine Edition Station Runtime is included with PanelView Plus and VersaView CE terminals.

RSView32

Cat. No.	Description
<i>Monitors, controls and acquires data</i>	
9301-2SE3104	RSView32 Runtime 150 with RSLinx Single Node
9301-2SE3103	RSView32 Runtime 150 with RSLinx - Includes 9301-2SE3100 RSView32 Runtime 150 and 9355-WABENE RSLinx
9301-2SE3100	RSView32 Runtime 150 - 150 Tag Database and Stand Alone Runtime
9301-2SE2104	RSView32 Works 150 with RSLinx Single Node
9301-2SE2103	RSView32 Works 150 with RSLinx - Includes 9301-2SE2100 RSView32 Works 150 and 9355-WABENE RSLinx
9301-2SE2100	RSView32 Works 150 - 150 Tag Database including Development and one embedded Runtime
9301-2SE3204	RSView32 Runtime 300 with RSLinx Classic Single Node
9301-2SE3203	RSView32 Runtime 300 with RSLinx Classic - Includes 9301-2SE3203 RSView32 Runtime 300 and 9355-WABENE RSLinx Classic
9301-2SE3200	RSView32 Runtime 300 - 300 Tag Database and Stand Alone Runtime
9301-2SE2204	RSView32 Works 300 with RSLinx Classic Single Node
9301-2SE2203	RSView32 Works 300 with RSLinx Classic - Includes 9301-2SE2200 RSView32 Works 300 and 9355-WABENE RSLinx Classic
9301-2SE2200	RSView32 Works 300 - 300 Tag Database including Development and one embedded Runtime
9301-2SE3304	RSView32 Runtime 1500 with RSLinx Classic Single Node
9301-2SE3303	RSView32 Runtime 1500 with RSLinx Classic including 9301-2SE3300 RSView32 Runtime 1500 and 9355-WABENE RSLinx Classic
9301-2SE3300	RSView32 Runtime 1500 - 1500 Tag Database and Stand Alone Runtime
9301-2SE2304	RSView32 Works 1500 with RSLinx Classic Single Node
9301-2SE2303	RSView32 Works 1500 with RSLinx Classic including 9301-2SE2300 RSView32 Works 1500 and 9355-WABENE RSLinx Classic
9301-2SE2300	RSView32 Works 1500 - 1500 Tag Database including Development and one embedded Runtime
9301-2SE3353	RSView32 Runtime 5000 with RSLinx Classic including 9301-2SE3500 RSView32 Runtime 5000 and 9355-WABENE RSLinx Classic
9301-2SE3350	RSView32 Runtime 5000 - 5000 Tag Database and Stand Alone Runtime
9301-2SE2353	RSView32 Works 5K with RSLinxRSView32 Works 5000 with RSLinx Classic - Includes 9301-2SE2350 RSView32 Works 5000 and 9355-WABENE RSLinx Classic
9301-2SE2350	RSView32 Works 5000 - 5000 Tag Database including Development and one embedded Runtime
9301-2SE3403	RSView32 Runtime 32K with RSLinx Classic - Includes 9301-2SE3400 RSView32 Runtime 2K and 9355-WABENE RSLinx Classic
9301-2SE3400	RSView32 Runtime 32K - 32,000 Tag Database and Stand Alone Runtime
9301-2SE2403	RSView32 Works 32K with RSLinx Classic - Includes 9301-2SE2400 RSView32 Works 32K and 9355-WABENE RSLinx Classic
9301-2SE2400	RSView32 Works 32K - 32,000 Tag Database including Development and one embedded Runtime
9301-2SE3503	RSView32 Runtime 100K with RSLinx Classic - Includes 9301-2SE3500 RSView32 Runtime 100K and 9355-WABENE RSLinx Classic
9301-2SE3500	RSView32 Runtime 100K - 100,000 Tag Database and Stand Alone Runtime
9301-2SE2503	RSView32 Works 100K with RSLinx Classic - Includes 9301-2SE2500 RSView32 Works 100K and 9355-WABENE RSLinx Classic
9301-2SE2500	RSView32 Works 100K - 100,00 Tag Database including Development and one embedded Runtime
9301-RSVWSENE	RSView32 WebServer
9301-MSGRPROENE	RSView32 Messenger Pro

RSView32 Active Display System

Cat. No.	Description
<i>Client/Server Enhancement to RSView32</i>	
9305-RSVADSENE	RSView32 Active Display Server - Includes one Active Display Server (no clients)
9305-ADSGWENE	RSView32 Active Display Server with RSLinx Gateway - Includes one Active Display Server (no clients) and 9355-WABGWENE RSLinx Gateway
9305-RSVADFCENE	RSView32 Active Display Floating Client - Includes one client with server-side activation
9305-RSVADDCENE	RSView32 Active Display Dedicated Client - Includes one client with client-side activation
9305-RSVADFVCENE	RSView32 Active Display Floating View Client - Includes one view-only client with server-side activation

RSView32 Languages

Cat. No.	Description
<i>Choose language by replacing the xx in the catalog number with FR for French, ES for Spanish, IT for Italian, DE for German, PT for Portuguese, JP for Japanese, ZH for Chinese and KO for Korean.</i>	
9301-2SE2100xxE	RSView32 Works 150
9301-2SE2103xxE	RSView32 Works 150 with RSLinx Classic Bundle
9301-2SE2200xxE	RSView32 Works 300
9301-2SE2203xxE	RSView32 Works 300 with RSLinx Classic Bundle
9301-2SE2300xxE	RSView32 Works 1500
9301-2SE2303xxE	RSView32 Works 1500 with RSLinx Classic Bundle
9301-2SE2350xxE	RSView32 Works 5K
9301-2SE2353xxE	RSView32 Works 5K with RSLinx Classic Bundle
9301-2SE2400xxE	RSView32 Works 32K
9301-2SE2403xxE	RSView32 Works 32K with RSLinx Classic Bundle
9301-2SE2500xxE	RSView32 Works 100K
9301-2SE2503xxE	RSView32 Works 100K with RSLinx Classic Bundle
9301-2SE3100xxE	RSView32 Runtime 150
9301-2SE3103xxE	RSView32 Runtime 150 with RSLinx Classic Bundle
9301-2SE3200xxE	RSView32 Runtime 300
9301-2SE3203xxE	RSView32 Runtime 300 with RSLinx Classic Bundle
9301-2SE3300xxE	RSView32 Runtime 1500
9301-2SE3303xxE	RSView32 Runtime 1500 with RSLinx Classic Bundle
9301-2SE3350xxE	RSView32 Runtime 5K
9301-2SE3353xxE	RSView32 Runtime 5K with RSLinx Classic Bundle
9301-2SE3400xxE	RSView32 Runtime 32K
9301-2SE3403xxE	RSView32 Runtime 32K with RSLinx Classic Bundle
9301-2SE3500xxE	RSView32 Runtime 100K
9301-2SE3503xxE	RSView32 Runtime 100K with RSLinx Classic Bundle
<i>Choose language by replacing the xx in the catalog number with FR for French, ES for Spanish, IT for Italian, DE for German, PT for Portuguese.</i>	
9305-RSVADSxxE	RSView32 Active Display Server
9305-RSVADFCxxE	RSView32 Active Display Floating Client
9305-RSVADDCxxE	RSView32 Active Display Dedicated Client
9305-RSVADFVCxxE	RSView32 Active Display Floating View Client

3rd Party Connectivity

Cat. No.	Description
9301-OPCSRVE	KEPServer Enterprise for RSView SE and RSView32

Step 3 - Select:

- *Upload/download (direct) cables*
- *Runtime cables*

Determine Cable Requirements

Use the tables on the following pages to determine appropriate cables for application upload/downloads and runtime communications to controllers and interface modules.

For information on:	See:
Application File Upload/Download (Direct) Cables	page 80
PanelView Plus/VersaView CE Runtime Communication Cables	page 82
PanelView Standard Runtime Communication Cables	page 86
PanelView 'e' Runtime Communication Cables	page 89
InView Runtime Communication Cables	page 90

Application File Upload/Download (Direct) Cables

PanelView Plus/VersaView CE Terminals	Cable to Personal Computer
2711P PanelView Plus 400-1500 6182H VersaView CE 700H-1500H	2711-NC13 (5 m / 16 ft) 2711-NC14 (10 m / 32 ft), 2706-NC13 (3 m / 10 ft)
PanelView Standard Terminals	Cable to Personal Computer
PanelView 300 Micro 2711-M3A18L1, -M3A19L1	1761-CBL-PM02 (2 m / 6.5 ft) 2711-CBL-PM05 (5 m / 16 ft) 2711-CBL-PM10 (10 m / 32 ft)
DH-485 Comm Port only or DH-485 Comm Port and RS-232 Printer Port PanelView 300 to 1400 2711-KxA2, -KxC2, -BxA2, -BxC2, -TxA2, -TxC2, -KxA3, -KxC3, -KxG3, -BxA3, -BxC3 -TxA3, -TxC3, -TxG3	1747-PIC
RS-232 (DH-485) Comm Port only or RS-232 (DH-485) Comm Port and RS-232 Printer Port PanelView 300 to 1400 2711-KxA5, -KxC5, -BxA5, -BxC5, -TxA5, -TxC5, -KxA9, -KxC9, -KxG3, -BxA9, -BxC9 -TxA9, -TxC9, -TxG9	2711-NC13 (5 m / 16 ft) 2711-NC14 (10 m / 32 ft) 2706-NC13 (3 m / 10 ft)
RS-232 (DF1) Comm Port only PanelView 300 2711-K3A17	
RS-232 (DF1) Comm Port only and RS-232 Printer Port PanelView 500T to 1400 2711-KxA16, -KxC16, -KxG16, -BxA16, -BxC16, -TxA16, -TxG16	
DeviceNet Comm Port and RS-232 Printer Port PanelView 300 to 1400 2711-KxA10, -KxC10, -KxG10, -BxA10, -BxC10, -TxA10, -TxC10, -TxG10	
ControlNet Comm Port and RS-232 Printer Port PanelView 550T to 1400 2711-KxA15, -KxC15, -KxG15, -BxA15, -BxC15, -TxA15, -TxC15, -TxG15	
Remote I/O Comm Port and RS-232 Printer Port PanelView 550T to 1400 2711-KxA1, -KxC1, -KxG1, -BxA1, -BxC1, -TxA1, -TxC1, -TxG1	
EtherNet/IP Comm Port and RS-232 Printer Port PanelView 550T to 1400 2711-KxA20, -KxC20, -KxG20, -BxA20, -BxC20, -TxA20, -TxC20, -TxG20	
DH+ Comm Port and RS-232 Printer Port PanelView 550T to 1400 2711-KxA8, -KxC8, -KxG8, -BxA8, -BxC8, -TxA8, -TxC8, -TxG8	

PanelView 'e' Terminals	Cable to Personal Computer
PanelView 1200/1200e	2711-NC1 (3 m / 10 ft)
PanelView 1000e 2711e-K10C6, -K10C15, -T10C6, -T10C15	2711-NC13 (5 m / 16 ft) 2711-NC14 (10 m / 32 ft) 2706-NC13 (3 m / 10 ft)
PanelView 1400e (Series A-E) 2711e-K14C6, -K14C15, -T14C6, -T14C15	2711-NC1 (3 m / 10 ft)
PanelView 1400e (Series F) 2711e-K14C6, -K14C15, -T14C6, -T14C15	2711-NC13 (5 m / 16 ft) 2711-NC14 (10 m / 32 ft) 2706-NC13 (3 m / 10 ft)
Message Displays	Cable to Personal Computer
InView 2706-P42x, -P43x, -P44x, -P72x, -P74x, -P9x	2706-PCABLE1
InView Communication Modules	Cable to Personal Computer
DH-485 Comm Port only or DH-485 Comm Port & RS-232 Port	1747-PIC
DeviceNet Comm Port & RS-232 Port	
ControlNet Comm Port & RS-232 Port	2711-NC13 (3 m / 6 ft)
Remote I/O Comm Port & RS-232 Port	2711-NC14 (10 m / 32 ft)
Ethernet Comm Port & RS-232 Port	2706-NC13 (3 m / 10 ft)
DH+ Comm Port & RS-232 Port	

PanelView Plus/VersaView CE Runtime Communication Cables

Cables: PanelView Plus/VersaView CE to SLC Controllers						
Protocol	PanelView Plus or VersaView CE Comm Port	SLC-500, 5/01, 5/02 CH 1 (RJ45) (DH-485)	SLC-5/03, 5/04, 5/05 CH 0 (9-pin RS-232) (DF1 or DH-485)	SLC-5/03 CH 1 (RJ45) (DH-485)	SLC-5/04 CH 1 (DH+)	SLC-5/05 CH 1 (ENET)
DF1 (any)	RS-232 (DF1) Port (9-pin) PVPlus 400 to 1500 2711P-RN22C VVCE 700H to 1500H	N/A	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	N/A	N/A	N/A
DH-485 (any)	RS-232 (DH-485) Port (9-pin) PVPlus 400 to 1500 2711P-RN22C VVCE 700H to 1500H	Use AIC+ Module (1761-NET-AIC) Connect to Port 1 or 2	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	Use AIC+ Module (1761-NET-AIC) Connect to Port 1 or 2	N/A	N/A
	DH-485 Port PVPlus 400 and 600 2711P-xxx3xx, 2711P-RN3	1747-C10 (2 m/6 ft) 1747-C11 (1 m/0.3 ft) 1747-C20 (6 m/20 ft)	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	1747-C10 (2 m/6 ft) 1747-C11 (1 m/0.3 ft) 1747-C20 (6 m/20 ft)	N/A	N/A
	DH-485 Port PVPlus 700 to 1500 2711P-xxx6xx, 2711P-RN6 VVCE 700H to 1500H 6182H-xxx6xx, 2711P-RN6	1761-CBL-AS03 (3 m/10 ft) 1761-CBL-AS09 (9 m/30 ft)	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	1761-CBL-AS03 (3 m/10 ft) 1761-CBL-AS09 (9 m/30 ft)	N/A	N/A
ControlNet xxx15xx	ControlNet Port PV Plus 400 and 600 2711P-RN15C PVPlus 700 to 1500 2711P-xxx15xx, 2711P-RN15S VVCE 700H to 1500H 6182H-xxx15xx, 2711P-RN15S	N/A	1747-KFC15A or 1747-SCRNR/A with ControlNet cable			
DeviceNet	DeviceNet Port PVPlus 400 and 600 2711P-RN10C PVPlus 700 to 1500 2711P-RN10H VVCE 700H to 1500H 2711P-RN10H	N/A	Use 1747-SDN Module with DeviceNet cable			
EtherNet/IP all except xxx5xx	EtherNet/IP Port PVPlus 400 to 1500 all except 2711P-xxx5xx VVCE 700H to 1500H	N/A	Use 1761-NET-ENI Module with Ethernet Cable	N/A	N/A	2711P-CBL-EX04 Ethernet Crossover Cable*
Remote I/O xxx1xx xxx6xx	Remote I/O Port PVPlus 400 to 1500 2711P-xxx1xx, -xxx6xx, 2711P-RN1, -RN6 VVCE 700H to 1500H 6182H-xxx6xx, 2711P-RN6	SLC 5/02 only use 1747-SN with shielded twinaxial cable (1770-CD)		Use 1747-SN Module with shielded twinaxial cable (1770-CD)		
DH+ xxx6xx xxx8xx	DH+ Port PVPlus 400 to 1500 2711P-xxx6xx, -xxx8xx, 2711P-RN6, -RN8 VVCE 700H to 1500H 6182H-xxx6xx, 2711P-RN6	N/A	N/A	N/A	Shielded twin axial cable (1770-CD)	N/A

* PanelView Plus/VersaView CE EtherNet/IP direct connection to SLC 5/05 requires hub or the crossover cable.

Cables: PanelView Plus/VersaView CE to PLC-5 and MicroLogix Controllers				
Protocol	PanelView Plus or VersaView CE Comm Port	PLC-5, PLC-5C, PLC-5E CH0 (25-pin RS-232) (DF1)	MicroLogix 1500LRP CH1 (9-pin RS-232) (DF1 or DH-485)	MicroLogix 1000, 1200, 1500LSP CH0 (8-pin Mini DIN) (DF1 or DH-485)
DF1 (any)	RS-232 (DF1) Port (9-pin) PVPlus 400 to 1500 2711P-RN22C VVCE 700H to 1500H	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft) use 9-to-25 pin adapter	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49ft) null modem not required*
DH-485 (any)	RS-232 (DH-485) Port (9-pin) PVPlus 400 to 1500 2711P-RN22C VVCE 700H to 1500H	N/A	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49ft) null modem not required*
	DH-485 Port PVPlus 400 to 1500 2711P-xxx3xx, -xxx6xx, 2711P-RN3, -RN6 VVCE 700H to 1500H 6182H-xxx6xx, 2711P-RN6	N/A	N/A	Use AIC+ Module (1761-NET-AIC) Connect to Port
ControlNet xxx15xx	DeviceNet Port PV Plus 400 and 600 2711P-RN15C PVPlus 700 to 1500 2711P-xxx15xx, 2711P-RN15S VVCE 700H to 1500H 6182H-xxx15xx, 2711P-RN15S	To PLC-5C with ControlNet Cable	N/A	N/A
DeviceNet	DeviceNet Port PVPlus 400 and 600 2711P-RN10C PVPlus 700 to 1500 2711P-RN10H VVCE 700H to 1500H 2711P-RN10H	Use 1771-SDN Module with DeviceNet cable	N/A	N/A
EtherNet/IP all except xxx5xx	EtherNet/IP Port PVPlus 400 to 1500 all except 2711P-xxx5xx VVCE 700H to 1500H	To PLC-5E with Ethernet Cable	Use 1761-NET-ENI Module with Ethernet Cable	Use 1761-NET-ENI Module with Ethernet Cable
Remote I/O xxx1xx xxx6xx	Remote I/O Port PVPlus 400 to 1500 2711P-xxx1xx, -xxx6xx, 2711P-RN1, -RN6 VVCE 700H to 1500H 6182H-xxx6xx, 2711P-RN6	Shielded twinaxial cable (1770-CD)	N/A	N/A
DH+ xxx6xx xxx8xx	DH+ Port PVPlus 400 to 1500 2711P-xxx6xx, -xxx8xx, 2711P-RN6, -RN8 VVCE 700H to 1500H 6182H-xxx6xx, 2711P-RN6	Shielded twinaxial cable (1770-CD)	N/A	N/A

* AIC+ module recommended for isolation purposes when PanelView Plus/VersaView CE and controller are not on the same power supply.

Cables: PanelView Plus/VersaView CE to Logix Controllers				
Protocol	PanelView Plus or VersaView CE Comm Port	ControlLogix CHO (9-pin RS-232) (DF1)	CompactLogix CHO (9-pin RS-232) (DF1 or DH-485)	FlexLogix CHO (9-pin Mini DIN) (DF1 or DH-485)
DF1 (any)	RS-232 (DF1) Port (9-pin) PVPlus 400 to 1500 2711P-RN22C VVCE 700H to 1500H	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)
DH-485 (any)	RS-232 (DH-485) Port (9-pin) PVPlus 400 to 1500 2711P-RN22C VVCE 700H to 1500H	N/A	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)
	DH-485 Port PVPlus 400 to 1500 2711P-xxx3xx, -xxx6xx, 2711P-RN3, -RN6 VVCE 700H to 1500H 6182H-xxx6xx, 2711P-RN6	N/A	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	N/A
ControlNet xxx15xx	ControlNet Port PV Plus 400 and 600 2711P-RN15C PVPlus 700 to 1500 2711P-xxx15xx, 2711P-RN15S VVCE 700H to 1500H 6182H-xxx15xx, 2711P-RN15S	Use 1756-CNB Module with ControlNet cable	To 1769-L35C with ControlNet Cable	Use 1788-CNC or 1788-CNF Module with ControlNet Cable
DeviceNet	DeviceNet Port PVPlus 400 and 600 2711P-RN10C PVPlus 700 to 1500 2711P-RN10H VVCE 700H to 1500H 2711P-RN10H	Use 1756-DNB module with DeviceNet cable	Use 1769-SDN module with DeviceNet cable	Use 1788-DNB0 module with DeviceNet cable
EtherNet/IP all except xxx5xx	EtherNet/IP Port PVPlus 400 to 1500 all except 2711P-xxx5xx VVCE 700H to 1500H	Use 1756-ENET or 1756-ENBT Module with Ethernet Cable	To 1769-L35E with Ethernet CableT	Use 1788-ENBT Module with Ethernet Cable
Remote I/O xxx1xx xxx6xx	Remote I/O Port PVPlus 400 to 1500 2711P-xxx1xx, -xxx6xx, 2711P-RN1, -RN6 VVCE 700H to 1500H 6182H-xxx6xx, 2711P-RN6	Use 1756-DHRIO Module with shielded twinaxial cable (1770-CD)	N/A	N/A
DH+ xxx6xx xxx8xx	DH+ Port PVPlus 400 to 1500 2711P-xxx6xx, -xxx8xx, 2711P-RN6, -RN8 VVCE 700H to 1500H 6182H-xxx6xx, 2711P-RN6	Use 1756-DHRIO Module with shielded twinaxial cable (1770-CD)	N/A	N/A

Cables: PanelView Plus/VersaView CE to Interface Module						
Protocol	PanelView Plus or VersaView CE Comm Port	1747-AIC	1761-NET-AIC Port 1 (9-pin)	1761-NET-AIC Port 2 (8-pin Mini DIN)	1761-NET-AIC Port 3 (DH-485)	1761-NET-DNI 1761-NET-ENI
DF1 (any)	RS-232 (DF1) Port (9-pin) PVPlus 400 to 1500 2711P-RN22C VVCE 700H to 1500H	N/A	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) null modem not required	N/A	1761-CBL-AP00 (0.5 m) 1761-CBL-PM02 (2 m) 2711-CBL-PM05 (5 m) 2711-CBL-PM10 (10 m)
DH-485 (any)	RS-232 (DH-485) Port (9-pin) PVPlus 400 to 1500 2711P-RN22C VVCE 700H to 1500H	N/A	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) null modem not required	N/A	N/A
	DH-485 Port PVPlus 400 and 600 2711P-xxx3xx, 2711P-RN3	1747-C10 (2 m/6 ft) 1747-C11(1 m/0.3 ft) 1747-C20 (6 m/20 ft)	N/A	N/A	1761-CBL-AS03 (3 m/10 ft) 1761-CBL-AS09 (9 m/30 ft) to single AIC+	N/A
	DH-485 Port PVPlus 700 to 1500 2711P-xxx6xx, -RN6 VVCE 700H to 1500H 6182H-xxx6xx, 2711P-RN6	Direct Connection to single AIC with Belden 9842 cable*	N/A	N/A	Direct Connection to single AIC with Belden 9842 cable*	N/A

* Use serial port on terminal with AIC+ module for a DH-485 network solution.

PanelView Standard Runtime Communication Cables

		Cables: PanelView Standard to SLC Controllers				
Protocol	PanelView Standard Comm Port	SLC-500, 5/01, 5/02 CH1 (RJ45) (DH-485)	SLC-5/03, 5/04, 5/05 CH0 (9-pin RS-232) (DF1 or DH-485)	SLC-5/03 CH1 (RJ45) (DH-485)	SLC-5/04 CH1 (DH+)	SLC-5/05 CH1 (ENET)
DF1 xxx16 xxx17 xxx18	RS-232 (DF1) Port (8-pin Mini DIN) PanelView 300 Micro 2711-xxx18	N/A	1761-CBL-AP00 (0.5 m) 1761-CBL-PM02 (2 m) 2711-CBL-PM05 (5 m) 2711-CBL-PM10 (10 m)	N/A	N/A	N/A
	RS-232 (DF1) Port (9-pin) PanelView 300 to 1400 2711-xxx16, 2711-xxx17	N/A	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	N/A	N/A	N/A
DH-485 xxx2 xxx3 xxx5 xxx9 xxx19	RS-232 (DH-485) Port (8-pin Mini DIN) PanelView 300 Micro 2711-xxx19	Use AIC+ Module (1761-NET-AIC) Connect to Port 1 or 2	1761-CBL-AP00 (0.5 m) 1761-CBL-PM02 (2 m) 2711-CBL-PM05 (5 m) 2711-CBL-PM10 (10 m)	Use AIC+ Module (1761-NET-AIC) Connect to Port 1 or 2	N/A	N/A
	DH-485 Port (9-pin) PanelView 300 to 1400 2711P-xxx5, -xxx9	Use AIC+ Module (1761-NET-AIC) Connect to Port 1 or 2	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	Use AIC+ Module (1761-NET-AIC) Connect to Port 1 or 2	N/A	N/A
	DH-485 Port (RJ45) PanelView 300 to 1400 2711P-xxx2, -xxx3	1747-C10 (2 m/6 ft) 1747-C11 (0.3 m/1 ft) 1747-C20 (6 m /20 ft)	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	1747-C10 (2 m/6 ft) 1747-C11 (0.3 m/1 ft) 1747-C20 (6 m/20 ft)	N/A	N/A
DeviceNet xxx10	DeviceNet Port PanelView 300 to 1400 2711P-xxx10	To SLC 5/02 with 1747-SDN and DeviceNet cablT	Use 1747-SDN Module with DeviceNet cable			
ControlNet xxx15	ControlNet Port PanelView 550T to 1400 2711P-xxx15	N/A	PanelView does not support SLC ControlNet configurations			
EtherNet/IP xxx20	EtherNet/IP Port PanelView 550T to 1400 2711-xxx20	N/A	N/A	N/A	N/A	2711P-CBL-EX04 Ethernet Crossover Cable*
Remote I/O xxx1	Remote I/O Port PanelView 550T to 1400 2711-xxx1	SLC 5/02 only use 1747-SN with shielded twinaxial cable (1770-CD)	Use 1747-SN Module with shielded twinaxial cable (1770-CD)			
DH+ xxx8	DH+ Port PanelView 550T to 1400 2711-xxx8	N/A	N/A	N/A	Shielded twin axial cable (1770-CD)	N/A

* PanelView Standard EtherNet/IP direction connection to SLC 5/05 requires hub or the crossover cable listed.

Cables: PanelView Standard to PLC-5 and MicroLogix Controllers				
Protocol	PanelView Standard Comm Port	PLC-5, PLC-5C, PLC-5E CHO (25-pin RS-232) (DF1)	MicroLogix 1500LRP CH1 (9-pin RS-232) (DF1 or DH-485)	MicroLogix 1000, 1200, 1500LSP CHO (8-pin Mini DIN) (DF1 or DH-485)
DF1 (any)	RS-232 (DF1) Port (8-pin Mini DIN) PanelView 300 Micro 2711-xxx18	1761-CBL-AP00 (0.5 m/1.5 ft) 1761-CBL-PM02 (2 m/6.5 ft) 2711-CBL-PM05 (5 m/16 ft) 2711-CBL-PM10 (10 m/32 ft) use 9-to-25 pin adapter	1761-CBL-AP00 (0.5 m/1.5 ft) 1761-CBL-PM02 (2 m/6.5 ft) 2711-CBL-PM05 (5 m/16 ft) 2711-CBL-PM10 (10 m/32 ft)	1761-CBL-AM00 (0.5 m/1.5 ft) 1761-CBL-HM02 (2 m/6.5 ft) 2711-CBL-HM05 (5 m/16 ft) 2711-CBL-HM10 (10 m/32 ft)*
	RS-232 (DF1) Port (9-pin) PanelView 300 to 1400 2711-xxx16, 2711-xxx17	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft) use 9-to-25 pin adapter	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) null modem not required*
DH-485 xxx2 xxx3 xxx5 xxx9 xxx19	RS-232 (DH-485) Port (8-pin Mini DIN) PanelView 300 Micro 2711-xxx19	N/A	1761-CBL-AP00 (0.5 m/1.5 ft) 1761-CBL-PM02 (2 m/6.5 ft) 2711-CBL-PM05 (5 m/16 ft) 2711-CBL-PM10 (10 m/32 ft)	1761-CBL-AM00 (0.5 m/1.5 ft) 1761-CBL-HM02 (2 m/6.5 ft) 2711-CBL-HM05 (5 m/16 ft) 2711-CBL-HM10 (10 m/32 ft)*
	RS-232 (DH-485) Port (9-pin) PanelView 300 to 1400 2711-xxx5, -xxx9	N/A	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) null modem not required*
	DH-485 Port (RJ45) PanelView 300 to 1400 2711-xxx2, -xxx3	N/A	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	Use AIC+ Module (1761-NET-AIC) Connect to Port 3
DeviceNet xxx10	DeviceNet Port PanelView 300 to 1400 2711-xxx10	Use 1771-SDN Module with DeviceNet cable	Use 1761-NET-DNI Module with Devicenet Cable	Use 1761-NET-DNI Module with DeviceNet cable
ControlNet xxx15	ControlNet Port PanelView 550T to 1400 2711-xxx15	To PLC-5C with ControlNet Cable	N/A	N/A
EtherNet/IP xxx20	EtherNet/IP Port PanelView 550T to 1400 2711-xxx20	To PLC-5E with Ethernet Cable	Use 1761-NET-ENI Module with Ethernet Cable	Use 1761-NET-ENI Module with Ethernet Cable
Remote I/O xxx1	Remote I/O Port PanelView 550T to 1400 2711-xxx1	Shielded twinaxial cable (1770-CD)	N/A	N/A
DH+ xxx8	DH+ Port PanelView 550T to 1400 2711-xxx8	Shielded twinaxial cable (1770-CD)	N/A	N/A

* AIC+ Module recommended for isolation purposes when PanelView and controller are not on same power supply.

		Cables: PanelView Standard to Logix Controllers		
Protocol	PanelView Standard Comm Port	ControlLogix CHO (9-pin RS-232) (DF1)	CompactLogix CHO (9-pin RS-232) (DF1 or DH-485)	FlexLogix CHO (9-pin Mini DIN) (DF1 or DH-485)
DF1 xxx16 xxx17 xxx18	RS-232 (DF1) Port (8-pin Mini DIN) PanelView 300 Micro 2711-xxx18	1761-CBL-AP00 (0.5 m/1.5 ft) 1761-CBL-PM02 (2 m/6.5 ft) 2711-CBL-PM05 (5 m/16 ft) 2711-CBL-PM10 (10 m/32 ft)	1761-CBL-AP00 (0.5 m/1.5 ft) 1761-CBL-PM02 (2 m/6.5 ft) 2711-CBL-PM05 (5 m/16 ft) 2711-CBL-PM10 (10 m/32 ft)	1761-CBL-AP00 (0.5 m/1.5 ft) 1761-CBL-PM02 (2 m/6.5 ft) 2711-CBL-PM05 (5 m/16 ft) 2711-CBL-PM10 (10 m/32 ft)
	RS-232 (DF1) Port (9-pin) PanelView 300 to 1400 2711-xxx16, 2711-xxx17	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)
DH-485 xxx2 xxx3 xxx5 xxx9 xxx19	RS-232 (DH-485) Port (8-pin Mini DIN) PanelView 300 Micro 2711-xxx19	N/A	1761-CBL-AP00 (0.5 m/1.5 ft) 1761-CBL-PM02 (2 m/6.5 ft) 2711-CBL-PM05 (5 m/16 ft) 2711-CBL-PM10 (10 m/32 ft)	N/A
	RS-232 (DH-485) Port (9-pin) PanelView 300 to 1400 2711-xxx6, -xxx9	N/A	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	N/A
	DH-485 Port (RJ45) PanelView 300 to 1400 2711-xxx2, -xxx3	N/A	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	N/A
DeviceNet xxx10	DeviceNet Port PanelView 300 to 1400 2711-xxx10	Use 1756-DNB Module with DeviceNet Cable	Use 1761-NET-DNI Module with Devicenet Cable	N/A
ControlNet xxx15	ControlNet Port PanelView 550T to 1400 2711-xxx15	Use 1756-CNB Module with ControlNet Cable	N/A	Use 1788-CNC Module with ControlNet Cable
EtherNet/IP xxx20	EtherNet/IP Port PanelView 550T to 1400 2711-xxx20	Use 1756-ENET Module with Ethernet Cable	Use 1761-NET-ENI Module with Ethernet Cable	Use 1761-NET-ENI Module with Ethernet Cable
Remote I/O xxx1	Remote I/O Port PanelView 550T to 1400 2711-xxx1	Use 1756-DHRIO Module with shielded twin axial cable (1770-CD)	N/A	N/A
DH+ xxx8	DH+ Port PanelView 550T to 1400 2711-xxx8	Use 1756-DHRIO Module with shielded twin axial cable (1770-CD)	N/A	N/A

		Cables: PanelView Standard to Interface Modules				
Protocol	PanelView Standard Comm Port	1747-AIC	1761-NET-AIC Port 1 (9-pin)	1761-NET-AIC Port 2 (8-pin Mini DIN)	1761-NET-AIC Port 3 (DH-485)	1761-NET-DNI 1761-NET-ENI
DF1 xxx16 xxx17 xxx18	RS-232 (DF1) Port (8-pin Mini DIN) PanelView 300 Micro 2711-xxx18	N/A	1761-CBL-AP00 (0.5 m/1.5 ft) 1761-CBL-PM02 (2 m/6.5 ft) 2711-CBL-PM05 (5 m/16 ft) 2711-CBL-PM10 (10 m/32 ft)	1761-CBL-AM00 (0.5 m/1.5 ft) 1761-CBL-HM02 (2 m/6.5 ft) 2711-CBL-HM05 (5 m/16 ft) 2711-CBL-HM10 (10 m/32 ft)	N/A	1761-CBL-AM00 (0.5 m/1.5 ft) 1761-CBL-HM02 (2 m/6.5 ft) 2711-CBL-HM05 (5 m/16 ft) 2711-CBL-HM10 (10 m/32 ft)
	RS-232 (DF1) Port (9-pin) PanelView 300 to 1400 2711-xxx16, 2711-xxx17	N/A	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) null modem not required*	N/A	1761-CBL-AP00 (0.5 m/1.5 ft) 1761-CBL-PM02 (2 m/6.5 ft) 2711-CBL-PM05 (5 m/16 ft) 2711-CBL-PM10 (10 m/32 ft)
DH-485 xxx2 xxx3 xxx5 xxx9 xxx19	RS-232 (DH-485) Port (8-pin Mini DIN) PanelView 300 Micro 2711-xxx19	N/A	1761-CBL-AP00 (0.5 m/1.5 ft) 1761-CBL-PM02 (2 m/6.5 ft) 2711-CBL-PM05 (5 m/16 ft) 2711-CBL-PM10 (10 m/32 ft)	1761-CBL-AM00 (0.5 m/1.5 ft) 1761-CBL-HM02 (2 m/6.5 ft) 2711-CBL-HM05 (5 m/16 ft) 2711-CBL-HM10 (10 m/32 ft)	N/A	N/A
	RS-232 (DH-485) Port (9-pin) PanelView 300 to 1400 2711-xxx5, 2711-xxx9	N/A	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) null modem not required*	N/A	N/A
	DH-485 Port (RJ45) PanelView 300 to 1400 2711-xxx2, 2711-xxx3	1747-C10 (2 m/6 ft) 1747-C11 (0.3 m/1 ft) 1747-C20 (6 m/20 ft)	N/A	N/A	N/A	1761-CBL-AS03 (3 m/10 ft) 1761-CBL-AS09 (9 m/30 ft)

* Series A cables (2711-NC21, -NC22) for direct connection to 1761-NET-AIC module only. Do not use Series A cables on a network of AIC+ modules connected with Belden cables.

PanelView 'e' Runtime Communication Cables

		Cables: PanelView 'e' to Controllers				
Protocol	PanelView 'e' Comm Port	SLC-500, 5/01, 5/02 CH1 (RJ45) (DH-485)	SLC-5/03 CH0 (9-pin RS-232) (DF1 or DH-485)	SLC-5/03 CH1 (RJ45) (DH-485)	SLC-5/04 CH0 (9-pin RS-232) (DF1 or DH-485)	SLC-5/04 CH1 (DH+)
ControlNet	ControlNet Port PanelView 1000e/1400e 2711E-K10C15, -T10C15 2711E-K14C15, -T14C15	N/A	PanelView does not support SLC ControlNet configurations			
Remote I/O	Remote I/O Port PanelView 1000e/1400e 2711E-K10C6, -K10C15, 2711E-K14C6, -K14C15 2711E-T10C6, -T10C15, 2711E-T14C6, -T14C15	SLC 5/02 only use 1747-SN with shielded twinaxial cable (1770-CD)	Use 1747-SN Module with shielded twinaxial cable (1770-CD)			
DH+	DH+ Port PanelView 1000e/1400e 2711E-K10C6, -K10C15, 2711E-K14C6, -K14C15 2711E-T10C6, -T10C15, 2711E-T14C6, -T14C15	N/A	N/A	N/A	N/A	Shielded twin axial cable (1770-CD)

		Cables: PanelView 'e' to Controllers		
Protocol	PanelView 'e' Comm Port	SLC-5/05 CH0 (9-pin RS-232) (DF1 or DH-485)	SLC-5/05 CH1 (ENET)	PLC-5, PLC-5C, PLC-5E CH0 (25-pin RS-232) (DF1)
ControlNet	ControlNet Port PanelView 1000e/1400e 2711E-K10C15, -T10C15 2711E-K14C15, -T14C15	PanelView 'e' does not support SLC ControlNet configurations		To PLC-5C with ControlNet cable
Remote I/O	Remote I/O Port PanelView 1000e/1400e 2711E-K10C6, -K10C15, -K14C6, -K14C15 2711E-T10C6, -T10C15, -T14C6, -T14C15	Use 1747-SN Module with shielded twin axial cable (1770-CD)	Use 1747-SN Module with shielded twin axial cable (1770-CD)	Shielded twin axial cable (1770-CD)
DH+	DH+ Port PanelView 1000e/1400e 2711E-K10C6, -K10C15, -K14C6, -K14C15 2711E-T10C6, -T10C15, -T14C6, -T14C15	N/A	N/A	Shielded twin axial cable (1770-CD)

		Cables: PanelView 'e' to Controllers		
Protocol	PanelView 'e' Comm Port	ControlLogix CH0 (9-pin RS-232) (DF1)	MicroLogix 1000, 1200, 1500LSP CH0 (8-pin Mini DIN) (DF1 or DH-485)	MicroLogix 1500LRP CH1 (9-pin RS-232) (DF1 or DH-485)
ControlNet	ControlNet Port PanelView 1000e/1400e 2711E-K10C15, -T10C15 2711E-K14C15, -T14C15	Use 1756-CNB Module with ControlNet cable	N/A	N/A
Remote I/O	Remote I/O Port PanelView 1000e/1400e 2711E-K10C6, -K10C15, -K14C6, -K14C15 2711E-T10C6, -T10C15, -T14C6, -T14C15	Use 1756-DHRIO Module with shielded twinaxial cable (1770-CD)	N/A	N/A
DH+	DH+ Port PanelView 1000e/1400e 2711E-K10C6, -K10C15, -K14C6, -K14C15 2711E-T10C6, -T10C15, -T14C6, -T14C15	Use 1756-DHRIO Module with shielded twinaxial cable (1770-CD)	N/A	N/A

InView Runtime Communication Cables

		Cables: InView to Controllers				
Protocol	InView Port or Comm Module Port	SLC-500, 5/01, 5/02 CH1 (RJ45) (DH-485)	SLC-5/03, 5/04, 5/05 CH0 (9-pin RS-232) (DH-485)	SLC-5/03 CH1 (RJ45) (DH-485)	SLC-5/04 CH1 (DH+)	SLC-5/05 CH1 (ENET)
RS-232 Serial Point-to-Point (any)	RS-232 Port InView Display	N/A	N/A	N/A	N/A	N/A
RS-485 Serial Multi-drop (any)	RS-485 Port (Terminal Block) InView Display	N/A	Use AIC+ Module (1761-NET-AIC) Connect to Port 3 Daisy chain to other InViews	N/A	N/A	N/A
DH-485	DH-485 (RJ45) Port Comm Module 2706-PDH485x	1747-C10 (2 m/6 ft) 1747-C20 (6 m/20 ft)	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	1747-C10 (2 m/6 ft) 1747-C20 (6 m/20 ft)	N/A	N/A
DeviceNet	DeviceNet Port Comm Module 2706-PDNETx	To SLC 5/02 with 1747-SDN and DeviceNet cable	Use 1747-SDN Module with DeviceNet cable	Use 1747-SDN Module with DeviceNet cable	Use 1747-SDN Module with DeviceNet cable	Use 1747-SDN Module with DeviceNet cable
ControlNet	ControlNet Port Comm Module 2706-PCNETx	N/A	InView does not support SLC ControlNet configurations			
EtherNet/IP	EtherNet/IP Port Comm Module 2706-PENETx	N/A	N/A	N/A	N/A	2711P-CBL-EX04 Ethernet Crossover Cable*
Remote I/O	Remote I/O Port Comm Module 2706-PRIOx	SLC 5/02 only use 1747-SN with shielded twinaxial cable (1770-CD)	Use 1747-SN Module with shielded twinaxial cable (1770-CD)			
DH+	DH+ Port Comm Module 2706-PDHPx	N/A	N/A	N/A	Shielded twin axial cable (1770-CD)	N/A

* InView EtherNet/IP Communication Module direct connection to SLC 5/05 requires hub or the crossover cable listed.

Cables: InView to Controllers				
Protocol	InView Port or Comm Module Port	PLC-5, PLC-5C, PLC-5E CHO (25-pin RS-232) (DF1)	ControlLogix CHO (9-pin RS-232) (DF1)	MicroLogix 1000, 1200, 1500LSP CHO (8-pin Mini DIN) (DF1 or DH-485)
RS-232 Serial Point-to-Point (any)	RS-232 Port InView Display	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft) use 9-to-25 pin adapter	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC21 (5 m/16 ft) 2711-NC22 (15 m/49 ft) null modem not required*
RS-485 Serial Multi-drop (any)	RS-485 Port (Terminal Block) InView Display	Use AIC+ Module (1761-NET-AIC) Connect to Port 3 Daisy chain to other InViews	Use AIC+ Module (1761-NET-AIC) Connect to Port 3 Daisy chain to other InViews	Use AIC+ Module (1761-NET-AIC) Connect to Port 3 Daisy chain to other InViews
DH-485	DH-485 (RJ45) Port Comm Module 2706-PDH485x	N/A	N/A	Use AIC+ Module (1761-NET-AIC) Connect to Port 3
DeviceNet	DeviceNet Port Comm Module 2706-PDNETx	Use 1771-SDN Module with DeviceNet cable	Use 1756-DNB Module with DeviceNet Cable	Use 1761-NET-DNI Module with DeviceNet cable
ControlNet	ControlNet Port Comm Module 2706-PCNETx	To PLC-5C with ControlNet Cable	Use 1756-CNB Module with ControlNet Cable	N/A
EtherNet/IP	EtherNet/IP Port Comm Module 2706-PENETx	To PLC-5E with Ethernet Cable	Use 1756-ENET Module with Ethernet Cable	Use 1761-NET-ENI Module with Ethernet Cable
Remote I/O	Remote I/O Port Comm Module 2706-PRIOx	Shielded twinaxial cable (1770-CD)	Use 1756-DHRIO Module with shielded twin axial cable (1770-CD)	N/A
DH+	DH+ Port Comm Module 2706-PDHPx	Shielded twinaxial cable (1770-CD)	Use 1756-DHRIO Module with shielded twin axial cable (1770-CD)	N/A

* AIC+ Module recommended for isolation purposes when PanelView and controller are not on same power supply.

		Cables: InView to Controllers		
Protocol	InView Port or Comm Module Port	MicroLogix 1500LRP CH1 (9-pin RS-232) (DF1 or DH-485)	CompactLogix CH0 (9-pin RS-232) (DF1 or DH-485)	FlexLogix CH0 (9-pin Mini DIN) (DF1 or DH-485)
RS-232 Serial Point-to-Point (any)	RS-232 Port InView Display	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)	2711-NC13 (5 m/16 ft) 2711-NC14 (10 m/32 ft) 2706-NC13 (3 m/10 ft)
RS-485 Serial Multi-drop (any)	RS-485 Port (Terminal Block) InView Display	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	Use AIC+ Module (1761-NET-AIC) Connect to Port 3
DH-485	DH-485 (RJ45) Port Comm Module 2706-PDH485x	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	Use AIC+ Module (1761-NET-AIC) Connect to Port 3	N/A
DeviceNet	DeviceNet Port Comm Module 2706-PDNETx	Use 1761-NET-DNI Module with Devicenet Cable	Use 1761-NET-DNI Module with Devicenet Cable	N/A
ControlNet	ControlNet Port Comm Module 2706-PCNETx	N/A	N/A	Use 1788-CNC Module with ControlNet Cable
EtherNet/IP	EtherNet/IP Port Comm Module 2706-PENETx	Use 1761-NET-ENI Module with Ethernet Cable	Use 1761-NET-ENI Module with Ethernet Cable	Use 1761-NET-ENI Module with Ethernet Cable
Remote I/O	Remote I/O Port Comm Module 2706-PRIOx	N/A	N/A	N/A
DH+	DH+ Port Comm Module 2706-PDHPx	N/A	N/A	N/A

		Cables: InView to Interface Module				
Protocol	InView Port or Comm Module Port	1747-AIC	1761-NET-AIC Port 1 (9-pin)	1761-NET-AIC Port 2 (8-pin Mini DIN)	1761-NET-AIC Port 3 (DH-485)	1761-NET-DNI 1761-NET-ENI
RS-485 Serial Multi-drop (any)	RS-485 Port (Terminal Block) InView Display	N/A	N/A	N/A	N/A	N/A
DH-485	DH-485 (RJ45) Port Comm Module 2706-PDH485x	1747-C10 (2 m/6 ft) 1747-C20 (6 m/20 ft)	N/A	N/A	1761-CBL-AS03 (3 m/10 ft) 1761-CBL-AS09 (9 m/30 ft)	N/A

Summary

Use a spreadsheet to record the results of your selection criteria. Examples are shown below.

Platform Type: Dedicated Message Display - InView

Selection Criteria	Requirement	Catalog Number	Quantity
Display Size	2-line Tri-Color	2706-P42C	2
Communications	DeviceNet	2706-PDNETM	2
Software	InView Messaging Software	2706-PSW1	1
Configuration Cable	Program download cable	2706-PCABLE1	1
Runtime Cable	DeviceNet network cable	DeviceNet cable	50 m

Platform Type: Dedicated Graphic Terminal - PanelView Plus

Selection Criteria	Requirement	Catalog Number	Quantity
Display Size	10-inch	2711P-B10C4D1	1
Operator Input	Keypad and Touch		
Communications	RS-232 (DF1)		
Memory	64 MB Flash / 64 MB RAM		
Power	24V dc		
Software	RSView Studio for ME software	9701-VWSTMENE	1
Configuration Cable	Program download cable	2711-NC13	1
Runtime Cable	RS-232 (DF1) cable	2711-NC13	50 m

Platform Type: Open Windows XP - VersaView Integrated Display Computer

Selection Criteria	Requirement	Catalog Number	Quantity
Drive Type	Rotating Media	6181P-15TPXPHSS	2
Display Size	15-inch		
Package	Performance		
Operator Input	Touch		
Bezel Type	Stainless Steel		
Operating System	Windows XP Professional		
Software	RSView Studio for ME software RSView ME Station Runtime, 15 displays	9701-VWSTMENE 9701-VWMR015AENE	1
Configuration Cable	Not Needed	N/A	0
Runtime Cable	Ethernet Network cable	Ethernet cable	50 m

As you select your visualization products, keep in mind:

✓ Step	Remember to Select
1 Select visualization platform	Dedicated or open hardware platform and type of device within platform <ul style="list-style-type: none"> • Dedicated HMI - Message Display • Dedicated HMI - Graphic Terminal • Open Platform - Windows CE • Open Platform - Windows XP
2 Select visualization product	Appropriate visualization product within the platform type <ul style="list-style-type: none"> • Message Display - InView • Graphic Terminal - PanelView Plus • Graphic Terminal - PanelView Standard • Graphic Terminal - PanelView 'e' • Windows CE - VersaView CE • Windows XP - VersaView Computers and Monitors
3 Determine cable requirements	Appropriate cable(s) for application file downloads and runtime communication to controllers.

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