

PanelView Plus 700 to 1500 Terminals

This section gives an overview of the PanelView Plus 700, 1000, 1250, 1250H, and 1500 terminals.

- Modular components
- Base-configured unit
- Communication modules
- Logic module, standard or CE
- Power supply, AC or DC
- Display modules

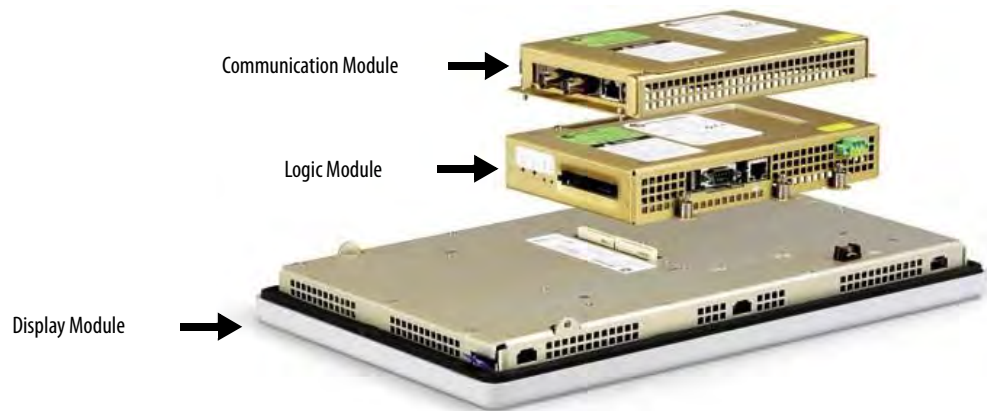


The PanelView Plus 700 to 1500 terminals are HMI devices that offer these features:

- Graphic color-display modules with keypad, touch screen, or keypad and touch screen support
- Analog resistive touch screen
- Ethernet and serial communications
- Modular communication interface for easy add-on capability
- Memory expansion modules for field upgrades to 256 MB RAM and 512 MB CompactFlash
- Power input, AC (85...264V AC) or DC (18...32V DC)
- CompactFlash card slot supports Type 1 CompactFlash cards
- USB ports provide connections for keyboard, mouse, and printer
- Field replaceable bezels
- Same panel cutouts as the PanelView Standard and PanelView Enhanced terminals
- Standard or CE logic module

Modular Components

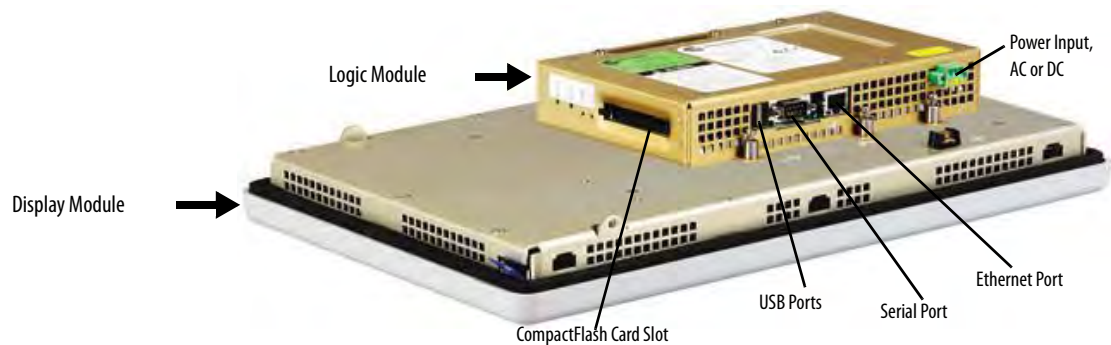
The terminals use modular components allowing for flexible configuration, installation, and upgrades. You can order items as separate components or factory assembled per your configuration.



Base-configured Unit

The base-configured unit of the terminal consists of:

- display module (700, 1000, 1250, 1500) with keypad, touch, or keypad and touch input.
- logic module.



The logic module contains:

- 24V DC input (18...32V) or AC input (85...264V).
- SDRAM and flash memory, various sizes.
- 10/100 BaseT Ethernet port.
- serial RS-232 port for file transfers, printing, and logic controller communications.
- two USB ports for attaching mouse, keyboard, or printer.
- card slot for Type I CompactFlash cards.
- battery-backed real-time clock.

Logic Modules and CompactFlash

The logic module is available with or without internal CompactFlash. The contents of the internal CompactFlash is what differentiates a PanelView Plus device from a PanelView Plus CE device.

- For the PanelView Plus terminals, the internal CompactFlash contains FactoryTalk View ME software and flash memory.
- For the PanelView Plus CE terminals, the internal CompactFlash contains the open Windows CE operating system, FactoryTalk View ME software, and flash memory.

The internal CompactFlash is available in different sizes and can be ordered separately or bundled with the logic module.

Communication Modules

You can attach a communication module with a network interface to the base-configured unit of the terminal to increase your communication capability with these networks:

- DH+/DH-485
- ControlNet

The communication module installs easily on top of the logic module on the back of the unit.



Power Options

The basic configured units of the 700 to 1500 PanelView Plus terminals provide application flexibility with three available power options:

- AC (85...264V)
- unisolated DC (18...32V)
- isolated DC (18...32V)

For DC applications using AC power, a remote AC-to-DC power supply, cat. no. 1606-XLE120E, is available for DIN-rail mounting.

Display Modules

The terminals offer a range of TFT color graphic displays with either keypad, touch screen, or keypad and touch screen support.

- 700 (6.5 in.)
- 1000 (10.4 in.)
- 1250 (12.1 in.)
- 1500 (15 in.)

The 700 and 1250 touch displays are available in conformal-coated options. A 1250 high-bright, touch display module is available for outdoor installations. Plus the 1250 and 1500 touch displays offer an integral antiglare overlay.

All displays have common features and firmware providing for easy migration to a larger display. Field-replaceable bezels are also available.

Touch Screen

Touch-screen displays are analog resistive and similar except for size.

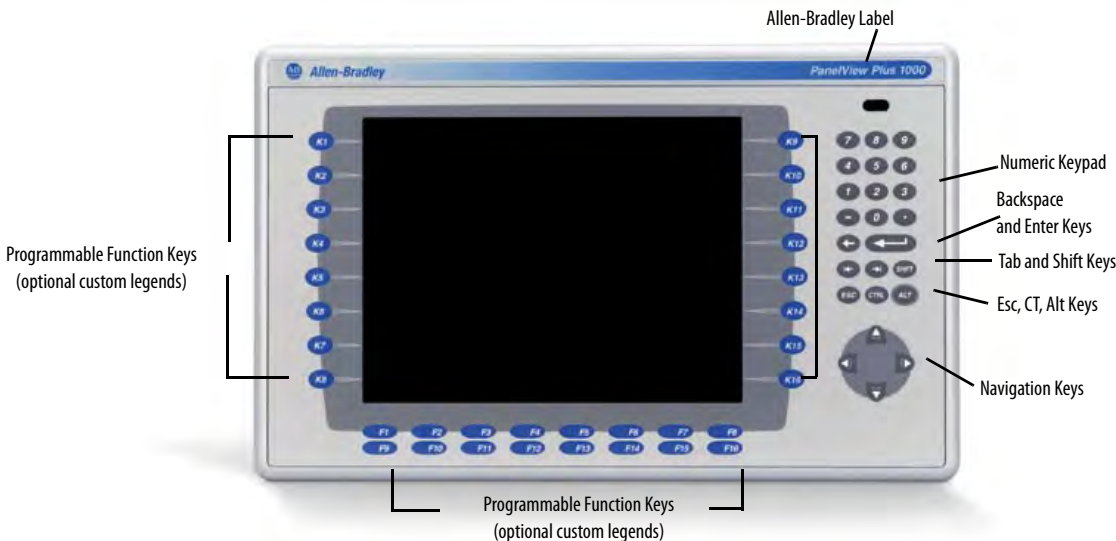


IMPORTANT

The touch screen may be operated with a finger, gloved finger, or plastic stylus device with a minimum tip radius of 1.3 mm (0.051 in.) to prevent damage to the touch screen. Using any other object or tool may damage the touch screen.

Keypad or Keypad and Touch

All displays are similar except for size and the number of function keys available.



IMPORTANT

The keypad is designed for finger or gloved finger operation. The touch screen may be operated with a finger, gloved finger, or plastic stylus device with a minimum tip radius of 1.3 mm (0.051 in.) to prevent damage to the touch screen.

Using any other object or tool may damage the touch screen or keypad.

The Kxx and Fxx function keys on the keypad terminals are programmable.

Function Keys	Description
Function Keys 700 (F1 through F10, K1 through K12) 1000 (F1 through F16, K1 through K16) 1250 (F1 through F20, K1 through K20) 1500 (F1 through F20, K1 through K20)	Programmable keys that initiate functions on terminal display. Replaceable legends are available for the terminals allowing for custom function key labels.
Numeric Keypad	0 . . 9, -, /, Backspace, Enter, Left and Right tab, Shift, Esc, Ctrl, Alt keys.
Navigation Keys	Use the arrow keys to move cursor in lists and select objects. Alt+arrow key activates home, end, page up, page down functions.

Catalog Number Configuration The table shows the catalog number explanation for configured versions of the PanelView Plus and PanelView Plus CE terminals. Not all combinations of options are available for sale.

	Input Type	Display Size	Display Type	Communication ⁽¹⁾	Power	Logic Module with Flash and RAM Memory ⁽²⁾	Special Option ⁽²⁾
2711P-	K = Keypad	4 = 3.5 in.	C = Color	PanelView Plus 400 and 600	A = AC	1 = Logic Module 64 MB	K = Conformal-Coated ⁽³⁾
	T = Touch	6 = 5.5 in.	M = Grayscale	5 = RS-232 & USB	D = DC	2 = Logic Module 128 MB	M = Marine Certified
	B = Keypad/Touch	7 = 6.5 in.		20 = Ethernet, RS-232 & USB plus Communication Module Interface		6 = CE Logic Module with 128 MB	
		10 = 10.4 in.				7 = CE Logic Module with 256 MB	
		12 = 12.1 in.		PanelView Plus 700 to 1500			
		15 = 15 in.		4 = Ethernet, RS-232 & (2) USB			

⁽¹⁾ Additional communication options are available and listed on page 23 in the following section.

⁽²⁾ Applies to PanelView Plus 700 to 1500 terminals only.

⁽³⁾ Applies to PanelView Plus 700 and 1250 terminals only.

PanelView Plus Product Components

Components are available as separate catalog numbers for field installation or replacement.

Display Modules (700 to 1500 only)

Cat. No.	Description
2711P-RDK7C	700 keypad color display
2711P-RDT7C	700 touch color display
2711P-RDT7CM	700 touch color display, marine certified
2711P-RDB7C	700 keypad and touch color display
2711P-RDB7CM	700 keypad and touch color display, marine certified
2711P-RDT7CK	Conformal-coated 700 touch color display
2711P-RDK10C	1000 keypad color display
2711P-RDT10C	1000 touch color display
2711P-RDT10CM	1000 touch display, marine certified
2711P-RDB10C	1000 keypad and touch color display
2711P-RDB10CM	1000 keypad and touch display, marine certified
2711P-RDK12C	1250 keypad color display
2711P-RDT12C	1250 touch color display
2711P-RDT12AG	1250 touch color display with antiglare overlay
2711P-RDT12CK	Conformal-coated 1250 touch color display
2711P-RDT12H	1250 high-bright touch color display
2711P-RDB12C	1250 keypad and touch color display
2711P-RDK15C	1500 keypad color display

Display Modules (700 to 1500 only)

Cat. No.	Description
2711P-RDT15C	1500 touch color display
2711P-RDT15AG	1500 touch color display with antiglare overlay
2711P-RDB15C	1500 keypad and touch color display

Logic Modules (700 to 1500 only)

Cat. No.	Description
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Standard Logic Modules for PanelView Plus Terminals

2711P-RP	Logic module without flash/RAM memory, DC input
2711P-RPD	Logic module, without memory, isolated DC input, marine certified
2711P-RPA	Logic module without flash/RAM memory, AC input, marine certified
2711P-RP1	Logic module with 64 MB flash/64 MB RAM, DC input
2711P-RP1A	Logic module with 64 MB flash/64 MB RAM, AC input, marine certified
2711P-RP1D	Logic module with 64MB, isolated DC input, marine certified
2711P-RP2	Logic module with 128 MB flash/128 MB RAM, DC input ⁽¹⁾
2711P-RP2A	Logic module with 128 MB flash/128 MB RAM, AC input, marine certified ⁽¹⁾
2711P-RP2D	Logic module with 128MB, isolated DC input, marine certified ⁽¹⁾
2711P-RP2DK	Conformal-coated logic module with 128MB, isolated DC input ⁽¹⁾
2711P-RP2K	Conformal-coated logic module with 128 MB flash/128 MB RAM, DC input ⁽¹⁾
2711P-RP3	Logic module with 256 MB flash/256 MB RAM, DC input ⁽¹⁾
2711P-RP3A	Logic module with 256 MB flash/256 MB RAM, AC input, marine certified ⁽¹⁾
2711P-RP3D	Logic module with 256MB, isolated DC input, marine certified ⁽¹⁾

CE Logic Modules for PanelView Plus CE Terminals

2711P-RP6	CE logic module with 128 MB flash/128 MB RAM, DC input ⁽¹⁾
2711P-RP6A	CE logic module with 128 MB flash/128 MB RAM, AC input, marine certified ⁽¹⁾
2711P-RP6D	CE logic module with 128MB, isolated DC input, marine certified ⁽¹⁾
2711P-RP6DK	CE conformal-coated logic module with 128MB, isolated DC input ⁽¹⁾
2711P-RP6K	CE conformal-coated logic module with 128 MB flash/128 MB RAM, DC input ⁽¹⁾
2711P-RP7	CE logic module with 256 MB flash/256 MB RAM, DC input ⁽¹⁾
2711P-RP7A	CE logic module with 256 MB flash/256 MB RAM, AC input, marine certified ⁽¹⁾
2711P-RP7D	CE logic module with 256 MB, isolated DC input, marine certified ⁽¹⁾

⁽¹⁾ Compatible with ViewPoint Software.