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Panelview Plus Hardware Overview

Columbia Machine Service Training
HMI Task 1

Panelview Plus Overview

Wide variety of options



Columbia Machine Standards

6", 7", 10" or 15"

PanelView Plus 700 to 1500

The 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 flat-panel color displays come with keypad, analog touch screen, or keypad/touch screen input. A 12.1-inch high-bright display module and other conformal-coated options are available to meet more specific environmental conditions. You can even order your display with a built-in antiglare overlay.

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
- Power input, AC or DC
- Network interface for optional communication module
- CompactFlash slot for transferring files, logging data, or system upgrades

PanelView Plus 700 to 1500

- 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.

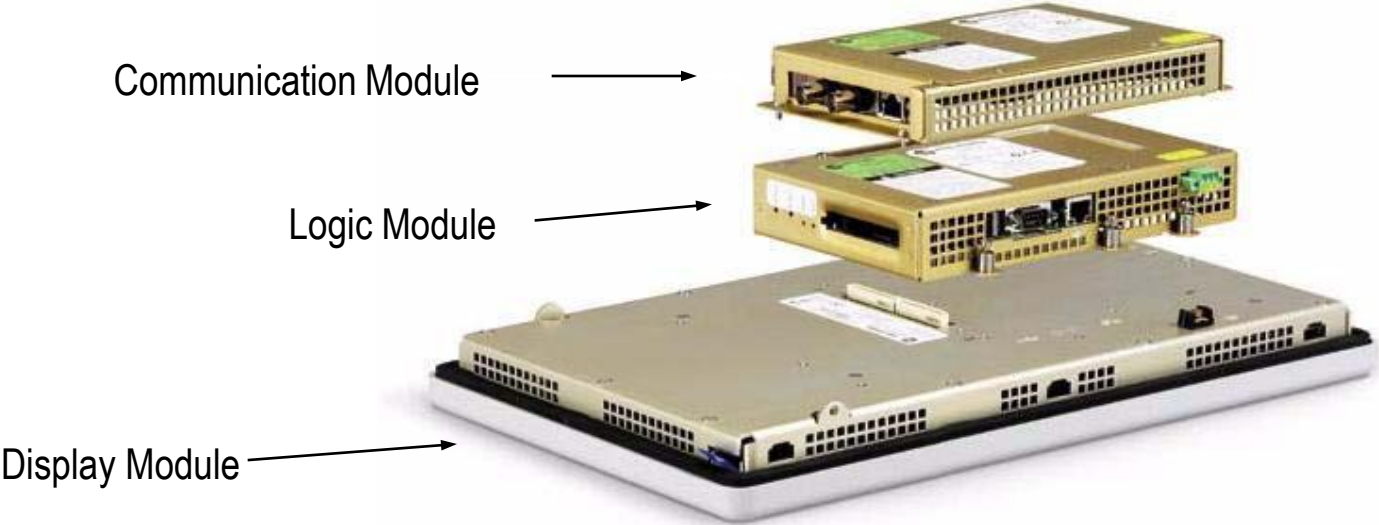
Touch Screen only



Keypad and Touch Screen



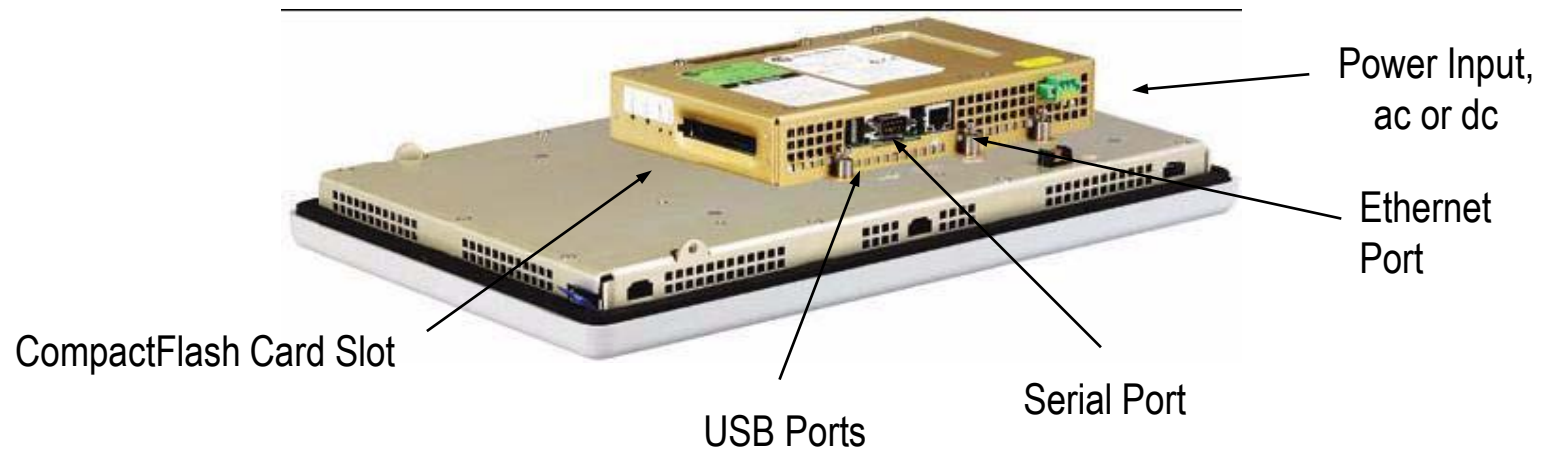
Modular Components



Base-configured Unit

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.



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-RDB7C	700 keypad and touch color display
• 2711P-RDT7CK	Conformal-coated 700 touch color display
• 2711P-RDK10C	1000 keypad color display
• 2711P-RDT10C	1000 touch color display
• 2711P-RDB10C	1000 keypad and touch color display
• 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
• 2711P-RDT15C	1500 touch color display
• 2711P-RDT15AG	1500 touch color display with antiglare overlay
• 2711P-RDB15C	1500 keypad and touch color display

PanelView Plus Product Components

Standard Logic Modules for PanelView Plus Terminals

- 2711P-RP Logic module without flash/RAM memory, dc input
- 2711P-RPA Logic module without flash/RAM memory, ac input
- 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
- 2711P-RP2 Logic module with 128 MB flash/128 MB RAM, dc input
- 2711P-RP2A Logic module with 128 MB flash/128 MB RAM, ac input
- 2711P-RP2K Conformal-coated logic module with 128 MB flash/128 MB RAM, dc input
- 2711P-RP3 Logic module with 256 MB flash/256 MB RAM, dc input
- 2711P-RP3A Logic module with 256 MB flash/256 MB RAM, ac input

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Questions?