

700 to 1500 Terminal Features

The larger 700 to 1500 terminals consist of modular components ordered separately or as configured terminals. The modular components consist of the following:

- Display module
- Logic module
- Optional communication module

These components provide for flexible configuration, installation, and upgrades. You can order a factory-assembled unit with a single catalog number or separate components for field installation.

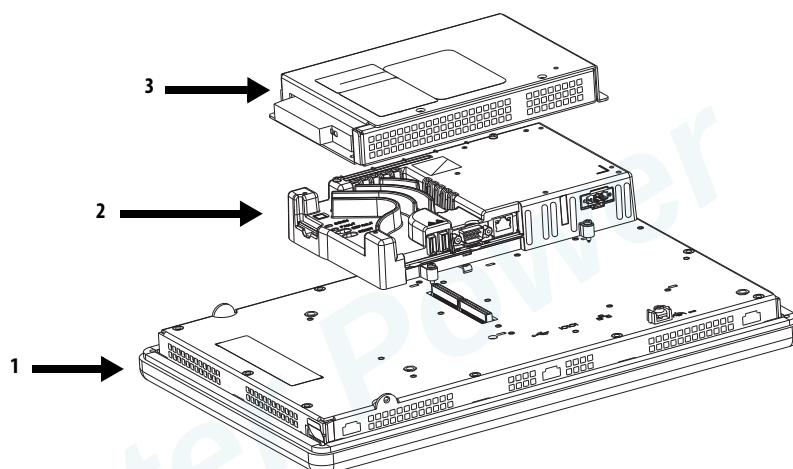


Table 7 - Modular Components

Item	Terminal Component	Description	Options for Environmental Conditions
1	Display module	Flat panel, color graphic display in four sizes with keypad, touch-screen, or combination keypad/touch-screen input: • 700 (6.5-in.) • 1000 (10.4-in.) • 1250 (12.1-in.) • 1500 (15-in.)	Display modules are also available with these characteristics: • Marine-certified • Conformal-coated • High-bright display for outdoor use • Built-in antiglare overlay
2	Logic module	The logic module has these hardware features: • Power input, AC or DC • RS-232 serial port • Ethernet port • 2 USB 2.0 host ports • Network interface for optional communication module • 512 MB RAM memory and 512 MB nonvolatile memory (approx. 79 MB free user memory) • Secure Digital (SD) card slot • Battery-backed real-time clock • Status indicators • Reset switches • Single PCI slot	Logic modules are also available with these characteristics: • Marine-certified • Conformal-coated
3	Communication module	Optional module for communication with these networks: • DH+™/DH-485 • ControlNet scheduled and unscheduled • Ethernet	Communication modules are also available with these characteristics: • Marine-certified • Conformal-coated

Configured Terminals

A configured terminal, ordered as a single-catalog number, has a display module and logic module.

An optional DH+/DH-485, ControlNet, or Ethernet communication module can be added later for additional network capabilities.

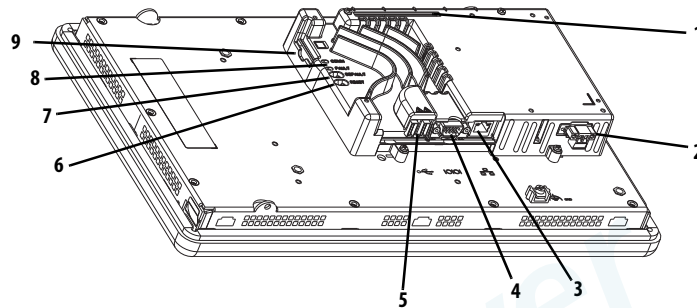


Table 8 - Logic Module Features

Item	Feature
1	Network interface connector for optional communication module
2	AC or DC power input ⁽¹⁾ - Isolated 18...32V DC 100...240V AC
3	Ethernet port for controller communication, 10/100 BaseT, Auto MDI/MDI-X
4	RS-232 serial port for file transfers, printing, and controller communication
5	Two USB 2.0 high-speed (type A) host ports for attaching USB devices including mouse, keyboard, printer, and USB drives that are hot-swappable in nonhazardous locations
6	Reset switch to reset the terminal without having to power on and off
7	Default switch to access maintenance operations such as restoring factory defaults
8	Indicators provide communication and fault status
9	Secure Digital (SD) card slot supporting cat. no. 1784-SDx and 1784-SDHCx cards

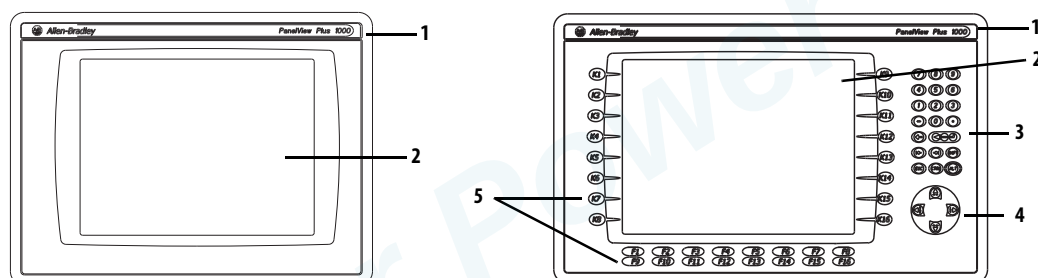
(1) For DC applications using AC power, an external, remote AC-to-DC power supply, cat. no. 1606-XLE120E, is available for DIN-rail mounting.

Operator Input

All 700 to 1500 display modules have TFT color, graphic displays with either keypad, touch screen, or combination keypad/touch-screen input. Common features and firmware provide for easy migration to a larger display:

- Eight-wire resistive touch screens are extremely accurate for operator interfaces. When a point on the touch screen is pressed, the layers connect and change the electrical current, which is then registered and processed.
- All keypad or combination keypad/touch-screen displays are similar except for the number of functions keys.

To meet the requirements of specific environmental conditions, high-bright displays, marine-certified displays, and conformal-coated displays are also available. Plus, you can order field replaceable bezels.



ATTENTION: Keypad Operation - Use only a finger or gloved finger to operate. Touch screen Operation - Use only a finger, gloved finger, or plastic stylus with a minimum tip radius of 1.3mm (0.051 in.) to operate. Using any other object or tool not described above may cause damage to the device and is not warranted by Rockwell Automation.



ATTENTION: Do not carry out multiple operations simultaneously. Doing so can result in unintended operation:

- Touch only one operating element on the screen with one finger at one time.
- Press only one key on the terminal at one time.

Table 9 - Display Features

Item	Feature	Description
1	Replaceable ID Label	Product identification label can be replaced with custom label.
2	Display	Analog resistive touch screen applies to touch-screen or combination keypad/touch-screen terminals.
3	Numeric keypad	0...9, -, Backspace, Enter, Left and Right tab, Shift, Esc, Ctrl, Alt keys.
4	Navigation keys	Use arrow keys for navigation. Use Alt+arrow to initiate these functions: • Alt+left arrow (Home), Alt+right arrow (End) • Alt+up arrow (Page Up), Alt+down arrow (Page Down)
5	Function keys 700 F1...F10, K1...K12 1000 F1...F16, K1...K16 1250 F1...F20, K1...K20 1500 F1...F20, K1...K20	Keys that can be configured in the application to perform operations. For example, F1 can be configured to navigate to another screen. Replaceable legends are available to customize the function key labels.

700 to 1500 Terminal Selections

The table shows the catalog number breakdown for the 700 to 1500 terminals.

Bulletin	Input Type	Display Size	Display Type	Communication ⁽¹⁾	Power	Operating System	Special Option
2711P-	K = Keypad	7 = 6.5 in.	C = Color	4 = Ethernet, RS-232 & (2) USB	A = AC	8 = Windows CE 6.0	K = Conformal-Coated
	T = Touch	10 = 10.4 in.			D = DC	9 = Windows CE 6.0 with extended features	
	B = Keypad/Touch	12 = 12.1 in.					
		15 = 15 in.					

(1) Optional communication modules are available as separate catalog numbers.

Table 13 - PanelView Plus 6 - 700 to 1500 Terminals without Extended Features

Cat. No.			Display		Communication		Input Power	Memory (MB) ⁽¹⁾	
Keypad	Touch	Keypad/Touch	Size	Type	RS-232	Ethernet		RAM	Nonvolatile
700 Model									
2711P-K7C4D8	2711P-T7C4D8	2711P-B7C4D8	6.5-in.	Color	•	•	DC	512	512 (approx. 79 MB free user memory)
—	2711P-T7C4D8K	—			•	•	DC		
2711P-K7C4A8	2711P-T7C4A8	2711P-B7C4A8			•	•	AC		
1000 Model									
2711P-K10C4D8	2711P-T10C4D8	2711P-B10C4D8	10.4-in.	Color	•	•	DC	512	512 (approx. 79 MB free user memory)
2711P-K10C4A8	2711P-T10C4A8	2711P-B10C4A8			•	•	AC		
1250 Model									
2711P-K12C4D8	2711P-T12C4D8	2711P-B12C4D8	12.1-in.	Color	•	•	DC	512	512 (approx. 79 MB free user memory)
—	2711P-T12C4D8K	—			•	•	DC		
2711P-K12C4A8	2711P-T12C4A8	2711P-B12C4A8			•	•	AC		
1500 Model									
2711P-K15C4D8	2711P-T15C4D8	2711P-B15C4D8	15-in.	Color	•	•	DC	512	512 (approx. 79 MB free user memory)
2711P-K15C4A8	2711P-T15C4A8	2711P-B15C4A8			•	•	AC		

(1) The logic module supports FactoryTalk View Machine Edition software, version 6.0 or later, FactoryTalk ViewPoint software version 1.2 or later, and the Windows CE 6.0 operating system.

The 700 to 1500 terminals look similar. The 1000 keypad and keypad/touch terminals are shown for illustrative purposes.

Figure 8 - PanelView Plus 6 - 1000 Keypad, Keypad/Touch, Touch

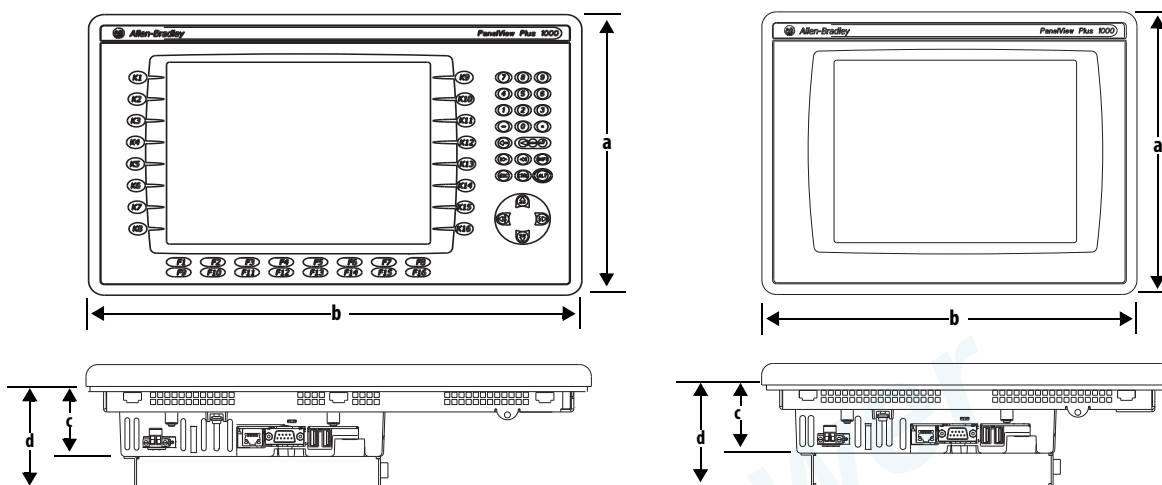


Table 34 - PanelView Plus 6 - 700 to 1500 Terminal Dimensions

Terminal	Input Type	Height (a) mm (in.)	Width (b) mm (in.)	Depth (c) Display to Logic Module mm (in.)	Depth (d) Display to Comm Module mm (in.)
700	Keypad or keypad/touch	193 (7.58)	290 (11.40)	55 (2.18)	83 (3.27)
	Touch	179 (7.04)	246 (9.68)	55 (2.18)	83 (3.27)
1000	Keypad or keypad/touch	248 (9.77)	399 (15.72)	55 (2.18)	83 (3.27)
	Touch	248 (9.77)	329 (12.97)	55 (2.18)	83 (3.27)
1250	Keypad or keypad/touch	282 (11.12)	416 (16.36)	55 (2.18)	83 (3.27)
	Touch	282 (11.12)	363 (14.30)	55 (2.18)	83 (3.27)
	Touch (high-bright module)	282 (11.12)	363 (14.30)	74 (2.9)	101 (3.99)
1500	Keypad or keypad/touch	330 (12.97)	469 (18.46)	65 (2.55)	93 (3.65)
	Touch	330 (12.97)	416 (16.37)	65 (2.55)	93 (3.65)