

PanelView Plus 6 Specifications

Catalog Numbers 2711P-K7C4Dx, 2711P-T7C4Dx, 2711P-B7C4Dx, 2711P-K7C4Ax, 2711P-T7C4Ax, 2711P-B7C4Ax, 2711P-K10C4Dx, 2711P-T10C4Dx, 2711P-B10C4Dx, 2711P-K10C4Ax, 2711P-T10C4Ax, 2711P-B10C4Ax, 2711P-K12C4Dx, 2711P-T12C4Dx, 2711P-B12C4Dx, 2711P-K12C4Ax, 2711P-T12C4Ax, 2711P-B12C4Ax, 2711P-K15C4Dx, 2711P-T15C4Dx, 2711P-B15C4Dx, 2711P-K15C4Ax, 2711P-T15C4Ax, 2711P-B15C4Ax, 2711P-K4M5A8, 2711P-K4M5D8, 2711P-K4M20A8, 2711P-K4M20D8, 2711P-K4C5A8, 2711P-B4C5A8, 2711P-K4C5D8, 2711P-B4C5D8, 2711P-K4C20A8, 2711P-B4C20A8, 2711P-K4C20D8, 2711P-B4C20D8, 2711P-K6M5A8, 2711P-T6M5A8, 2711P-B6M5A8, 2711P-K6M5D8, 2711P-T6M5D8, 2711P-B6M5D8, 2711P-K6M20A8, 2711P-T6M20A8, 2711P-B6M20A8, 2711P-K6M20D8, 2711P-T6M20D8, 2711P-B6M20D8, 2711P-K6C5Ax, 2711P-T6C5Ax, 2711P-B6C5Ax, 2711P-K6C5Dx, 2711P-T6C5Dx, 2711P-B6C5Dx, 2711P-K6C20Ax, 2711P-T6C20Ax, 2711P-B6C20Ax, 2711P-K6C20Dx, 2711P-T6C20Dx, 2711P-B6C20Dx, 2711PC-K4M20D8, 2711PC-B4C20D8, 2711PC-T6M20D8, 2711PC-T6C20D8, 2711PC-T10C4D8

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PanelView™ Plus 6 terminals are used for applications with a need to monitor, control, and display information graphically, allowing operators to quickly understand the status of their application. All PanelView Plus 6 applications are programmed with FactoryTalk® View Studio for Machine Edition (ME) software and have FactoryTalk View ME Station (runtime) software that is installed on each terminal.

This family provides a broad range of rugged terminals that provide these features:

- Premier integration with the Integrated Architecture™ platform
- Scalable 4-inch to 15-inch displays with touch screen, keypad, or both for input
- Common development software
- Real-time monitoring of a terminal's displays via a web browser (7-inch to 15-inch displays)

Use this document along with the Visualization Solutions Selection Guide, publication [VIEW-SG001](#), to make decisions on the visualization solutions that are best suited for your system requirements.

LISTEN.
THINK.
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Technical Specifications

[Table 7](#) provides technical specifications for PanelView Plus 6 - 400 and 600 terminals.

Table 7 - Technical Specifications - PanelView Plus 6 - 400 and 600 Terminals

Attribute	400 Grayscale 2711P-K4M5A8, 2711P-K4M5D8, 2711P-K4M20A8, 2711P-K4M20D8	400 Color 2711P-K4C5A8, 2711P-B4C5A8, 2711P-K4C5D8, 2711P-B4C5D8, 2711P-K4C20A8, 2711P-B4C20A8, 2711P-K4C20D8, 2711P-B4C20D8	600 Grayscale 2711P-K6M5A8, 2711P-T6M5A8, 2711P-B6M5A8, 2711P-K6M5D8, 2711P-T6M5D8, 2711P-B6M5D8, 2711P-K6M20A8, 2711P-T6M20A8, 2711P-B6M20A8, 2711P-K6M20D8, 2711P-T6M20D8, 2711P-B6M20D8	600 Color ⁽¹⁾ 2711P-K6C5Ax, 2711P-T6C5Ax, 2711P-B6C5Ax, 2711P-K6C5Dx, 2711P-T6C5Dx, 2711P-B6C5Dx, 2711P-K6C20Ax, 2711P-T6C20Ax, 2711P-B6C20Ax, 2711P-K6C20Dx, 2711P-T6C20Dx, 2711P-B6C20Dx
Operator input	Keypad	Keypad or keypad/touch	Keypad, touch, or keypad/touch	Keypad, touch, or keypad/touch
Display type	Grayscale TFT LCD	Color active-matrix TFT	Grayscale TFT LCD	Color active-matrix TFT
Display size	3.5 in.	3.5 in.	5.7 in.	
Display area (WxH)	70 x 53 mm (2.8 x 2.3 in.)	70 x 53 mm (2.8 x 2.3 in.)	115 x 86 mm (4.5 x 3.4 in.)	115 x 86 mm (4.5 x 3.4 in.)
Resolution	320 x 240, 16-levels gray	320 x 240, 18-bit color graphics	320 x 240, 16-levels gray	320 x 240, 18-bit color graphics
Brightness	320 cd/m ² (Nits)	320 cd/m ² (Nits)	440 cd/m ² (Nits)	440 cd/m ² (Nits)
Backlight	White LED, not replaceable; 25,000 hours min at 25 °C (77 °F)		White LED, not replaceable; 25,000 hours min at 25 °C (77 °F)	
Touch screen	—	• Analog resistive, 4-wire • Actuation: 1 million presses • Operating force: 10...110 g	• Analog resistive, 4-wire • Actuation: 1 million presses • Operating force: 10...110 g	
Keypad description	• Stainless-steel membrane • Numeric, navigation, and function keys • Actuation: 1 million presses; operating force: 340 g		• Stainless-steel membrane • Numeric, navigation, and function keys • Actuation: 1 million presses; operating force: 340 g	
Keypad function keys	8 function keys (F1...F8)		10 function keys (F1...F10)	
Battery (real-time clock)	Battery-backed clock timestamps critical data, accuracy is ±2 minutes per month Battery life: 4 year min at 25 °C (77 °F) Field-replaceable: cat. no. 2711P-RY2032 or equivalent CR2032 coin-cell lithium battery			
System memory	256 MB RAM, 512 MB nonvolatile memory (approx. 73 MB free user memory)			
External storage	Secure Digital (SD) card, cat. no.1784-SDx, supported by hot-swappable SD card slot USB flash drive that is supported by high-speed, hot-swappable, 2.0 USB host port			
Operating system	Windows CE 6.0 operating system with or without extended features and Microsoft Office file viewers			Windows CE 6.0 operating system with extended features/file viewers
Software	FactoryTalk View Machine Edition software, version 6.10 or later; FactoryTalk ViewPoint software is not supported on the 400 and 600 terminals.			
Communication ports	• RS-232, 1 USB host, 1 USB device port (catalog numbers with the number 5, for example, 2711P-B4C5D8) • Ethernet (10/100 Mbps, Auto-MDI/MDI-X), RS-232, 1 USB host, 1 USB device port (catalog numbers with the number 20, for example, 2711P-B4C20D8)			
Input voltage, DC	18...30V DC (24V DC nom); Requires the use of a Class 2 or safety extra low voltage (SELV) or protective extra-low voltage (PELV) power supply			
Power consumption, DC	15 W max (0.6 A at 24V DC), 9 W typical (0.375 A at 24V DC)			
Recommended external power supply	Cat. no. 2711P-RSACDIN, SELV or PELV isolated power supply for non-isolated 400 and 600 DC-powered terminals; 100...240V AC, 120VA max			
Input voltage, AC	100...240V AC, 50...60 Hz			
Power consumption, AC	35VA max, 20VA typical			
Weight, approx	Keypad: 473 g (1.04 lb) Touch: —		Keypad: 728 g (1.60 lb) Touch: 594 g (1.31 lb)	
Dimensions (HxWxD), approx	Without AC module Keypad: 152 x 185 x 60 mm (6.0 x 7.28 x 2.35in.) 152 x 185 x 90 mm (6.0 x 7.28 x 3.54 in.) With AC module Touch: — —		Keypad: 167 x 266 x 68 mm (6.58 x 10.47 x 2.68 in.) 167 x 266 x 98 mm (6.58 x 10.47 x 3.86 in.) Touch: 152 x 185 x 68 mm (6.0 x 7.28 x 2.68 in.) 152 x 185 x 98 mm (6.0 x 7.28 x 3.86 in.)	
Cutout dimensions (HxW)	Keypad: 123 x 156 mm (4.86 x 6.15 in.) Touch: —		Keypad: 142 x 241 mm (5.61 x 9.50 in.) Touch: 123 x 156 mm (4.86 x 6.15 in.)	

(1) Replace x in the catalog number with an 8 or 9. For catalog numbers ending in 9, for example, 2711P-T6C20D9, the Windows CE operating system includes extended features and Microsoft Office file viewers; catalog numbers ending in 8, for example, cat. no. 2711P-T6C20D8, do not support extended features and file viewers.

Terminal Dimensions

[Table 8](#) provides overall dimensions and cutout dimensions for the PanelView Plus 6 - 400 and 600 terminals.

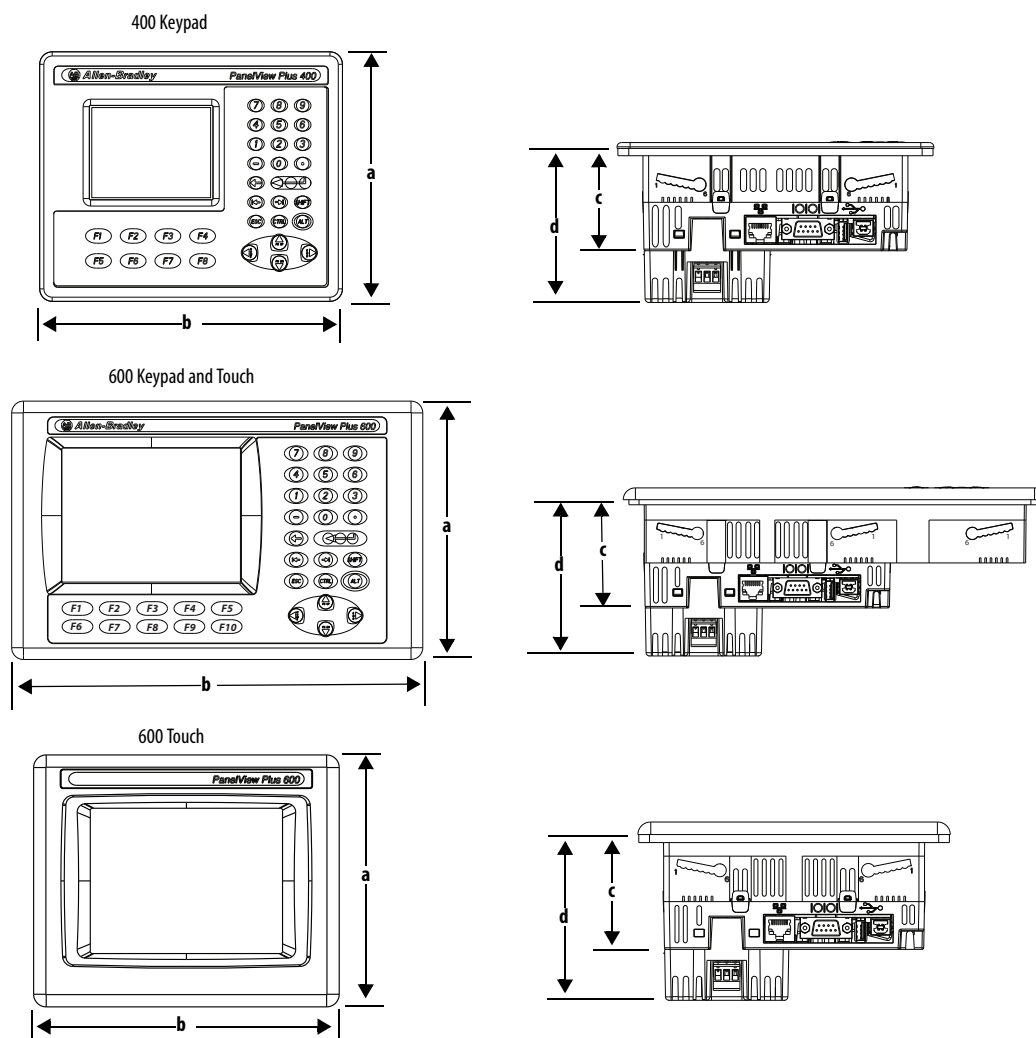


Table 8 - PanelView Plus 6 - 400 and 600 Product Dimensions

Terminal	Input Type	Height (a) mm (in.)	Width (b) mm (in.)	Depth (c) mm (in.)	Depth (d) with AC module mm (in.)	Panel Cutout Width mm (in.)	Panel Cutout Height mm (in.)
400	Keypad or keypad/touch	152 (6.0)	185 (7.28)	60 (2.35)	90 (3.54)	156 (6.15)	123 (4.86)
600	Keypad or keypad/touch	167 (6.58)	266 (10.47)	68 (2.68)	98 (3.86)	241 (9.50)	142 (5.61)
	Touch	152 (6.0)	185 (7.28)	68 (2.68)	98 (3.86)	156 (6.15)	123 (4.86)