

PRODUCT PROFILE

PanelView Plus 400 & 600 Family

Operator Interface

Advantages

- Provides maximum flexibility, inventory reduction, and easy upgrades
- Able to communicate with complete Logix suite of controllers
- Integrated with FactoryTalk View 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
- Includes CompactFlash card slot for transferring files, logging data, or system upgrades
- Includes complete package for immediate startup
- Offers unit level immediate exchange program to reduce downtime
- Powerful graphics providing clear and crisp visuals



Overview

PanelView Plus gives operators a clear view into monitoring and controlling applications. With FactoryTalk View Machine Edition already installed and activated, development time is greatly reduced. The PanelView Plus family of products provides a broad range of rugged terminals that offer premier integration with Integrated Architecture and common development software.

PanelView Plus 400 and 600 terminals combine a 4 or 6-inch display, logic module, memory, and power (AC or DC) together in the base unit. Powerful graphics are displayed via 18 bit color or 32 level grayscale displays. Flexible operator input is available through keypad, touch screen, or a keypad/touch screen combination.

All terminals offer an RS232 and USB port, plus an optional Ethernet port. Additional communication options allow you to take advantage of Remote I/O, DH485, DH+, DeviceNet, ControlNet and Isolated RS232.

Take advantage of these additional features on all units:

- 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 terminal

PRODUCT SPECIFICATIONS

	PanelView Plus 400 Grayscale	PanelView Plus 400 Color	PanelView Plus 600 Grayscale	PanelView Plus 600 Color
Display Type	Monochrome Passive Matrix, Film Compensated Super-Twist Nematic (FSTN)	Color Active Matrix Thin Film Transistor (TFT)	Monochrome Passive Matrix, Film Compensated Super-Twist Nematic (FSTN)	Color Active Matrix Thin Film Transistor (TFT)
Display Size	77 x 58 mm (3.7 in.)	71 x 53 mm (3.5 in.)	112 x 84 mm (5.5 in.)	112 x 84 mm (5.5 in.)
Resolution	320 x 240, 32 level grayscale	320 x 240, 18 bit color graphics	320 x 240, 32 level grayscale	320 x 240, 18 bit color graphics
Operator Input	Keypad	Keypad or Keypad/Touch Screen Combination	Keypad, Touch Screen, or Keypad/Touch Screen Combination	
Function Keys	8 (F1 - F8)	8 (F1 - F8)	10 (F1 - F10)	
Real Time Clock	Battery-backed time clock timestamps critical data. Accuracy +/- 2 minutes per month			
Memory Options Available Flash / RAM	Standard 64 MB / 64 MB, Not Expandable			
Electrical Communication Port	RS232 and (1) USB Only or Ethernet, RS232, (1) USB, plus optional DH485, DH+, or Remote I/O modules, ControlNet and DeviceNet modules			
Power Requirements	18-30V dc or 85-264V ac @ 47-63 Hz			
Power Consumption	dc Power: 25 Watts max. (1.0A @ 24V dc) ac Power: 60 VA max.			
Programming	FactoryTalk View Studio for Machine Edition or FactoryTalk View Studio Enterprise Series			
Environmental Operating Temperature	0-55° C (32-131° F)			
Storage Temperature	-25 - 70° C (-13 - 158° F)			
Humidity	5-95%, noncondensing @ 0-55° C			
Ratings	NEMA 12, 13, 4X, IP54, IP65			
Certifications	cUL certified; UL listed; Class I, Div 2, Groups A,B,C,D; Class II, Div 2, Groups F, G, Class III, T4, Class I Zone 2 Group IIC			
Mechanical Weight Keypad or Key / Touch	.563 kg (1.24 lb)	.635 kg(1.40lb)	.930 kg (2.05 lb)	.930 kg (2.05 lb)
Weight Touch only	N/A	N/A	.789 kg (1.74 lb)	.789 kg (1.74 lb)
Dimensions Overall (H x W x D)	Keypad: 152 x 185 x 90 mm (6.0 x 7.28 x 3.54 in)	Keypad or Keypad/Touch: 152 x 185 x 90 mm (6.0 x 7.28 x 3.54 in)	Keypad or Keypad/Touch: 167 x 266 x 98 mm (6.58 x 10.47 x 3.86 in) Touch only: 152 x 185 x 98 mm (6.0 x 7.28 x 3.86 in)	
Cutout Dimensions	Keypad: 123 x 156 mm (4.86 x 6.15 in)	Keypad or Keypad/Touch: 123 x 156 mm (4.86 x 6.15 in)	Keypad or Keypad/Touch: 142 x 241 mm (5.61 x 9.50 in); Touch Only: 123 x 156 mm (4.86 x 6.15 in)	

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