

# ALLEN-BRADLEY PANELVIEW STANDARD TERMINALS

## *Overview*

PanelView™ Standard operator terminals are engineered for maximum performance in space saving flat panel designs. These electronic operator interfaces feature pixel graphics capabilities and high-performance functionality in color, grayscale, and monochrome displays. The PanelView Standard family offers a complete line of rugged electronic operator interface solutions in a variety of sizes and configurations to meet specific application requirements, all with a rich collection of hardware and software features designed to simplify programming and improve operator productivity.



## *Benefits*

- Includes over 140 terminal combinations to fit any operator interface application.
- Preferred compatibility with Rockwell Automation logic controllers and networks.
- Offers Keypad, Touch Screen, or Keypad/Touch Screen combination terminals offer convenient and flexible choices for operator input.
- Uses extensive alarm capabilities for recording and displaying important data on triggered alarms using alarm lists and banners.
- Includes screen security restricts access to authorized operators by assigning security classifications to application screens.
- Displays application screens in over 46 languages to support local operator interaction. Up to 5 languages can be supported in a single application.
- Supports ATA PC Flash memory cards for fast application downloads, convenient storage of Universal Language Support fonts, and simplified firmware upgrades.
- Includes RS-232 printer port to print alarms, alarm lists, triggered messages and triggered states of a multi-state indicator.

## *Product Design*

PanelView Standard terminals are panel mount pixel graphic display devices that offer keypad, touch screen, or keypad/touch screen operator input choices. Display sizes range from 3-inch to 10-inch flat panels in color, grayscale, or monochrome, each designed for minimal installation depth with maximum viewing angles. Communication ports are built-in and support point-to-point and network configurations. AC and DC power options are available, depending on the terminal type.

## PanelView 600 Color Terminals

### Specifications

PanelView Standard	600 Color	600 Color
	Keypad, Keypad/Touch	Touch (24V dc)
<b>Display</b>		
Display Description	Color Active Matrix Thin Film Transistor (TFT)	
Display Area (WxH)	115 x 86 mm (4.54 x 3.4 in)	115 x 87 mm (4.54 x 3.43 in)
Resolution	320 x 234	320 x 240
Backlight	Field replaceable	—
Real-time Clock	Battery-backed clock time stamps critical data	
Application Memory	190 K Application Runtime; 240 K Flash (application objects + text + bitmaps)	
ATA Memory Card	Supported	
<b>Touch Screen</b>		
Touch Cells	128	
Actuation Rating, Touch	1 000 000 presses	
<b>Keypad</b>		
Keypad Description	Stainless steel domed membrane	—
Function Keys	10 (F1...F10)	—
Actuation Rating, Keys	2 000 000 presses	—

<b>Electrical</b>		
Communication Ports	EtherNet/IP, DeviceNet, ControlNet, DH+, Remote I/O, DH-485, RS-232 (DH-485), RS-232 (DF1), Profibus 1.5 M, Modbus	
RS-232 Printer Port	1200, 2400, 9600, 19 200 K	
Input Voltage, AC	85...264V ac, 47...63 Hz	—
Power Consumption, AC	60V A maximum	—
Input Voltage, DC	18...32V dc	
Power Consumption, DC	34 W max. (1.9 A @ 24V dc)	24 W max. (1.0 A @ 24V dc)
<b>Environmental</b>		
Operating Temperature	0...55 °C (32...131 °F)	0...50 °C (32...122 °F)
Storage Temperature	-25...70 °C (-13...158 °F)	
Relative Humidity	5...95% without condensation @ 0...55 °C (32...131 °F)	5...95% without condensation @ 0...40 °C (32...104 °F)
Ratings	NEMA Type 12, 13, 4X (indoor only), IP54, IP65	
Certifications	UL; C-UL; CE marked; Class 1 Div 2 Groups A,B,C,D; Class 1 Zone 2; Class II Div 2; Class III Div 1; C-Tick	
<b>Weight</b>		
Keypad	2.0 kg (4.4 lb)	—
Touch		1.0 kg (2.3 lb)
<b>Dimensions</b>		
Keypad (HxWxD)	192 x 290 x 116 mm 7.55 x 11.40 x 4.57 in	—
Touch Screen (HxWxD)		152 x 185 x 96 mm 6.0 x 7.28 x 3.80 in