



PanelView 1000™ Flat Panel Operator Terminals

Product Profile



High Performance Package

Quick and Easy Screen Configuration

Flexible Communications

Product Features

PanelView 1000 operator terminals provide electronic operator interface capabilities in space saving, flat panel designs. Offering optimum viewing angles, these electronic operator interfaces feature pixel graphics and high performance functionality in both color and EL (electro-luminescent) gray scale displays.

PanelBuilder™ development software supports the full range of PanelView products, including PanelView 550, 600, 900, 1000 and 1400, allowing easy conversion and reuse of previously created applications for these PanelView™ display terminals. And PanelBuilder's Microsoft™ Windows® graphical interface simplifies application design and reduces development costs. Screen configuration is easy using such tools as symbols, objects, graphics and imported bitmap images. Cut, copy, paste and tag import/export capabilities in and between various PanelView applications offer additional time saving advantages.

The PanelView 1000 terminals offer flexible communication options. Available in versions that support DeviceNet™, Data Highway Plus™, Remote I/O, DH-485 and RS-232 (DH-485 protocol), the PanelView 1000 terminals are ideal for both PLC® and SLC 500™ controller applications.

Pixel Graphic Displays enhance operator screens. Available in both color and EL gray scale displays, PanelView 1000 terminals are designed with display technologies offering minimal depth with maximum viewing angles. The 10.4-inch color VGA display features active matrix color thin film transistor (TFT) technology and the EL gray scale version offers a 10.4-inch VGA display.

Full Complement of Operator Devices is available to create screens, including push buttons, selector switches, numeric entry, diagnostic indicators, message displays, custom graphics and more.

Performance Functionality including enhanced alarms, direct access to floating point data files and on-line printing maximize performance strengths within the small form factor.

Universal Language Support with 32-bit character capability to create screen and object text in over 46 different languages.

Quick Replace™ Backlight makes field replacements easy and extends the life of the PanelView 1000 terminals.

Keypad or Touch Screen terminals offer convenient and flexible choices for operator input. Operators enter input using 16 configurable function keys and a numeric keypad, or by simply selecting graphic symbols on a touch screen.

Specifications	PanelView 1000/Color Display	PanelView 1000/Gray Scale Display
Display Type Size Replaceable Backlight Touch Cells (touch screen terminals)	Active Matrix Thin Film Transistor (TFT) VGA 640x480; 8.3 in (211 mm) width x 6.2 in (158 mm) height Field replaceable backlight 384	EL gray scale with VGA VGA 640x480 pixels; 8.3 in (211 mm) width x 6.2 in (158 mm) height Not required — emissive display 384
Application Memory	1 Mg	1 Mg
Keypad (stainless steel domed membrane) operational life	1 million cycles minimum	1 million cycles minimum
Real Time Clock	Battery-backed clock timestamps critical data	Battery-backed clock timestamps critical data
Electrical Communications Port RS-232 Printer Port Power Requirements Power Consumption	DeviceNet, DH+, Remote I/O, DH-485, RS-232 (DH-485) 1200, 2400, 9600, 19200 baud rate 100 to 240V AC Nominal, 85 to 264V AC absolute 47 to 63 Hz 100 VA Maximum	DeviceNet, DH+, Remote I/O, DH-485, RS-232 (DH-485) 1200, 2400, 9600, 19200 baud rate 100 to 240V AC Nominal, 85 to 264V AC absolute 47 to 63 Hz 100 VA AC Maximum
Environmental Operating Temperature Storage Temperature Humidity Rating Ratings Approvals	0 to 55° C (32 to 131° F) -25 to 70° C (-13 to 158° F) 5 to 95%, noncondensing @ 0 to 55° C (32 to 131° F) NEMA Type 12, 13, 4x (indoor only), IP54, IP65 UL, CUL approved; Class I, Div 2 Groups A, B, C, D certified; CE marked	0 to 55° C (32 to 131° F) -25 to 70° C (-13 to 158° F) 5 to 95%, noncondensing @ 0 to 55° C (32 to 131° F) NEMA Type 12, 13, 4x (indoor only), IP54, IP65 UL, CUL approved; Class I, Div 2 Groups A, B, C, D certified; CE marked
Weight Keypad Touchscreen	8.2 lbs (3.7 kg) 7.9 lbs (3.6 kg)	7.2 lbs (3.3 kg) 7.0 lbs (3.2 kg)
Dimensions Keypad Touchscreen	11 in (h) x 17 in (w) x 5 in (d) 282 mm x 423 mm x 112 11 in (h) x 15 in (w) x 5 in (d) 282 mm x 370 mm x 112 mm	11 in (h) x 17 in (w) x 5 in (d) 282 mm x 423 mm x 112 11 in (h) x 15 in (w) x 5 in (d) 282 mm x 370 mm x 112 mm

Ordering Information	Catalog Number Keypad Operator Terminal	Catalog Number Touch Operator Terminal
PanelView 1000 Color with DeviceNet Communications & RS-232 Port	2711-K10C10	2711-T10C10
PanelView 1000 Color with DH+ Communications & RS-232 Port	2711-K10C8	2711-T10C8
PanelView 1000 Color with DH-485 Communications & RS-232 Port	2711-K10C3	2711-T10C3
PanelView 1000 Color with RS-232 (DH-485 protocol) Communications & RS-232 Port	2711-K10C9	2711-T10C9
PanelView 1000 Color with RIO Communications & RS-232 Port	2711-K10C1	2711-T10 C1
PanelView 1000 Gray Scale with DeviceNet Communications & RS-232 Port	2711-K10G10	2711-T10G10
PanelView 1000 Gray Scale with DH+ Communications & RS-232 Port	2711-K10G8	2711-T10G8
PanelView 1000 Gray Scale with DH-485 Communications & RS-232 Port	2711-K10G3	2711-T10G3
PanelView 1000 Gray Scale with RS-232 (DH-485 protocol) Communications & RS-232 Port	2711-K10G9	2711-T10G9
PanelView 1000 Gray Scale with RIO Communications & RS-232 Port	2711-K10G1	2711-T10G1
PanelBuilder Configuration Software for PanelView Operator Terminals	2711-ND3	

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Publication 2711-1.14 September 1997

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