Allen-Bradley
by ROCKWELL AUTOMATION

Catalog #: 2711P-T6C20D8

PanelView Plus 6 6 Color Touch DC

Lifecycle status: DISCONTINUED

Rockwell Automation announces that as of September 30, 2021, the PanelView Plus 6 6 Color Touch DC will be discontinued and no longer available for sale. Customers are encouraged to remove references to the affected product(s).

Discontinued Date:	September 30, 2021
Replacement Category:	No planned RA replacement

Technical Specifications

Electrical

Number of HW-interfaces industrial Ethernet	1
Number of HW-interfaces RS-232	1
Number of HW-interfaces RS-422	0
Number of HW-interfaces RS-485	0
Number of HW-interfaces USB	2
Number of password levels	2
Number of grey-scales/blue-scales of display	0
Number of system buttons	0
Voltage type of supply voltage	DC
Number of function buttons, programmable	0
Number of online languages	20
Suitable for safety functions	No
Supporting protocol for TCP/IP	Yes
Supporting protocol for Modbus	No
Supporting protocol for Data-Highway	No
With colour display	Yes
Number of pixels, vertical	240

With numeric keyboard	No
With alpha numeric keyboard	No
With message indication	Yes
With message system (incl. buffer and confirmation)	Yes
Process value representation (output) possible	Yes
Process default value (input) possible	Yes
With recipes	Yes
With printer output	Yes
Additional software components, loadable	No
Supporting protocol for EtherNet/IP	Yes
Screen diagonal	5.7 inch
Number of pixels, horizontal	320
Useful project memory/user memory	73000 MB
Supply voltage DC	18 V
Touch technology	Resistive touch
Power input	DC
Brightness	440 cd/m^2
Display size	5.7 inch
Resolution	320 x 240, 18-bit color graphics
Keypad function keys	10 function keys (F1...F10)
Operator input	Touch
Power consumption	15 W max (0.6 A at 24V DC), 9 W typical (0.375 A at 24V DC)
Display type	Color active matrix, thin-film transistor (TFT)
Touch screen	Analog resistive, 4-wire, Actuation: 1 million presses, Operating force: 10...110 g
Operating system	Windows CE 6.0 operating system with extended features/file viewers
Backlight	White LED, Not replaceable, 25,000 hours minimum at 25 °C (77 °F)
Keypad description	Stainless-steel membrane, Numeric, navigation and function keys, Actuation: 1 million presses, Operating force: 340 g
Software	FactoryTalk view machine edition software, version 6.10 or later, FactoryTalk viewpoint software is not supported on the 400 and 600 terminals
Input voltage	18...30V DC (24V DC nominal), Requires the use of a Class 2 or safety extra low voltage (SELV) or protected extra-low

	voltage (PELV) power supply
Secure Digital (SD) card slot	Hot-swappable card slot supports 1784-SDx and 1784-SDHCx SD cards for transferring files, upgrading firmware, or logging data
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
USB ports	One USB host ports for connecting a USB mouse, keyboard, printer, and USB flash drives that are hot swappable, One USB device port for connecting a host personal computer
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)
Number of HW-interfaces serial TTY	0
Number of HW-interfaces parallel	0
Number of HW-interfaces other	0
Number of interfaces PROFINET	0
Number of HW-interfaces Wireless	0
Number of buttons with LED	0
Supporting protocol for LON	No
Supporting protocol for ASI	No
Supporting protocol for PROFIBUS	No
Supporting protocol for CAN	No
Supporting protocol for INTERBUS	No
Supporting protocol for KNX	No
Supporting protocol for DeviceNet	No
Supporting protocol for SUCONET	No
Supporting protocol for other bus systems	No
Supporting protocol for SERCOS	No
Supporting protocol for INTERBUS-Safety	No
Radio standard Bluetooth	No
Radio standard Wi-Fi 802.11	No
IO link master	No
Supporting protocol for AS-Interface Safety at Work	No
Supporting protocol for DeviceNet Safety	No

Supporting protocol for Foundation Fieldbus	No
Supporting protocol for PROFINET CBA	No
Supporting protocol for PROFINET IO	No
Supporting protocol for PROFIsafe	No
Supporting protocol for SafetyBUS p	No
Radio standard GPRS	No
Radio standard GSM	No
Radio standard UMTS	No
With SW interfaces	Yes
Type of display	TFT
Reset and default switches	Provide easy access to diagnostic and repair operations
Network interface	For optional Ethernet, DH+, DH-485, or ControlNet communication module
High memory capacity	512 MB RAM, 512 MB nonvolatile memory, (approx. 79 MB free user memory)
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
FactoryTalk view software	FactoryTalk view machine edition station runtime, version 6.0 or later, is preloaded and activated on each terminal, Single license support for FactoryTalk viewpoint software, version 1.2 or later, gives remote users access to a terminal's displays via st

Mechanical

Built-in depth	68 mm
Width of the front	185 mm
Height of the front	152 mm
Wall mounting/direct mounting	Yes
Dimensions, approx	Touch: 152 x 185 x 68 mm
Cutout dimensions	Touch: 123 x 156 mm (4.86 x 6.15 inch)
Rail mounting possible	No

Environmental

Degree of protection (NEMA), front side	4X

Degree of protection (IP), front side	IP66
Operating temperature	0 °C
Heat dissipation	84 BTU/hr
List of degrees of protection (NEMA)	4X, 12, 13
Shock	Operating: 15 G @ 11 ms, Nonoperating: 30 G @ 11 ms
Enclosure rating	NEMA Type 12, 13, 4X (Indoor use only), IP54, IP65
Vibration	10...57 Hz, 0.012 peak-to-peak displacement, 57...500 Hz, 2 G peak acceleration
Relative humidity	5...95% noncondensing (5...90% noncondensing only for low reflective terminal, catalog number 2711P-B4C20D8-LR)
Altitude, operating	2000 m
Nonoperating temperature	-25 °C
List of degrees of protection (IP)	IP54, IP65

Construction

Display area	115 x 86 mm (4.5 x 3.4 inch)
Weight, approx	594 g