





Catalog #: 2711P-T7C4D8 PanelView Plus Terminal

Lifecycle status: DISCONTINUED

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

Discontinued Date: Replacement Category: Replacement Product: December 30, 2021 Engineering Replacement <u>2711P-T7C22D9P</u> [https://www.rockwellautomation.com/ptbr/products/details.2711P-T7C22D9P.html]

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	22
Number of online languages	20
Suitable for safety functions	Yes
Supporting protocol for TCP/IP	Yes
Supporting protocol for Modbus	No
Supporting protocol for Data-Highway	Yes

With colour displayYesNumber of pixels, vertical480With numeric keyboardNoWith alpha numeric keyboardYesWith message indicationYesWith message indicationYesProcess value representation (output) possibleYesProcess default value (input) possibleYesWith recipesYesWith recipesYesAdditional software components, loadebleNoSporting protocol for EtherNet/IPYesSporting protocol for EtherNet/IPYesSporting protocol for EtherNet/IPYesSporting protocol for EtherNet/IPSportingSporting protocol for EtherNet/IPYesSporting protocol for EtherNet/IPYesSporting protocol for EtherNet/IPSportingSporting protocol for EtherNet/IPSporting SportingSporting protocol for EtherNet/IPSporting Sporting SportingSporting protocol for EtherNet/IPSporting Sporting Spor		
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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 Station protocol for EtherNet/IP Yes Supporting protocol for EtherNet/IP Yes Supply voltage DC 18 V Supply voltage DC 18 V Supply voltage DC 18 V Innance 200 cd/m² Resolution 640 × 480. 18- bit color graphics Kayad function keys 21 function keys F1F10 and K1K12 Operator input Touch Resolution Yes	With numeric keyboard	No
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Backlight replaceable Keypad description Stainless-steel membrane, Numeric, navigation and	Operating system	
	Backlight	
	Keypad description	

	force: 340 g
Software	FactoryTalk view machine edition software, version 6.0 or later, FactoryTalk ViewPoint software, version 1.2 or later
Input voltage	1832V DC (24V DC nominal)
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	Two USB host ports for connecting a USB mouse, keyboard, printer, and USB flash drives that are hot swappable
Communication ports	Ethernet (10/100 Mbps, Auto-MDI/MDI-X), RS-232, (2) USB host, Network interface for optional Ethernet, DH+/DH- 485, or ControlNet (scheduled or unscheduled) communication module
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
10 link master	No

Network interface For optional Ethernet, DH+, DH-485, or ControlNet communication module 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 machine edition station runtime, versi 6.0 or later, is preloaded and activated on each terminal		
Supporting protocol for Foundation Fieldbus No Supporting protocol for PROFINET CBA No Supporting protocol for PROFINET IO No Supporting protocol for PROFISATE 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 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 flash drive that is supported by high-speed, hot-swappable, 2.0 USB flash drive that is supported by high-speed, hot-swappable, 2.0 USB flash drive that is supported by high-speed, hot-swappable, 2.0 USB flash drive that is supported by high-speed, hot-swappable, 2.0 USB flash drive that is supported by high-speed, hot-swappable, 2.0 USB flash drive that is supported by high-speed, hot-swappable, 2.0 USB flash drive that is support for Factory Talk view machine edition station runtime, version 1.2 or later, gives remote users access to a	Supporting protocol for AS-Interface Safety at Work	No
Supporting protocol for PROFINET IO No Supporting protocol for PROFINET IO No Supporting protocol for PROFISATE 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 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 Si.0 or later, is preloaded and activated on each terminal Stingle license support for FactoryTalk view point to softway version 1.2 or later, gives remote users access to a	Supporting protocol for DeviceNet Safety	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 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 Single license support for FactoryTalk view machine edition station runtime, version 1.2 or later, is preloaded and activated on each terminal Single license support for FactoryTalk view mode in each terminal Single license support for FactoryTalk view mode in each terminal Single license support for FactoryTalk view mode in each terminal Single license support for FactoryTalk view mode in each terminal Single license support for FactoryTalk view mode in each terminal Single license support for FactoryTalk view mode in each terminal Single license support for FactoryTalk view mode in each terminal Single license support for FactoryTalk view mode in each terminal Single license support for FactoryTalk view mode in each terminal Single license support for FactoryTalk view mode in each terminal Single license support for FactoryTalk view mode	Supporting protocol for Foundation Fieldbus	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 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, versi 6.0 or later, is preloaded and activated on each terminal Single license support for FactoryTalk viewpoint software	Supporting protocol for PROFINET CBA	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 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, versio 1.2 or later, ig preloaded and activated on each terminal Single license support for FactoryTalk viewpoint softwar version 1.2 or later, gives remote users access to a	Supporting protocol for PROFINET IO	No
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Radio standard UMTSNoWith SW interfacesYesType of displayTFTReset and default switchesProvide easy access to diagnostic and repair operationsNetwork interfaceFor optional Ethernet, DH+, DH-485, or ControlNet communication moduleExternal storageSecure 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 portFactoryTalk view softwareFactoryTalk view machine edition station runtime, versi 6.0 or later, is preloaded and activated on each terminal Single license support for FactoryTalk viewpoint softwar version 1.2 or later, gives remote users access to a	Radio standard GPRS	No
With SW interfacesYesType of displayTFTReset and default switchesProvide easy access to diagnostic and repair operationsNetwork interfaceFor optional Ethernet, DH+, DH-485, or ControlNet communication moduleExternal storageSecure 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 portFactoryTalk view softwareFactoryTalk view machine edition station runtime, versi 6.0 or later, is preloaded and activated on each terminal Single license support for FactoryTalk viewpoint softwar version 1.2 or later, gives remote users access to a	Radio standard GSM	No
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 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, versi 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	Radio standard UMTS	No
Reset and default switches Provide easy access to diagnostic and repair operations Network interface For optional Ethernet, DH+, DH-485, or ControlNet communication module 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, versi 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	With SW interfaces	Yes
Network interface For optional Ethernet, DH+, DH-485, or ControlNet communication module 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, versi 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	Type of display	TFT
Network interface communication module 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, versi 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	Reset and default switches	Provide easy access to diagnostic and repair operations
External storage 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, versi 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	Network interface	•
6.0 or later, is preloaded and activated on each terminal FactoryTalk view software Single license support for FactoryTalk viewpoint softwa version 1.2 or later, gives remote users access to a	External storage	supported by high-speed, hot-swappable, 2.0 USB host
	FactoryTalk view software	

Mechanical

Built-in depth	55 mm
Width of the front	246 mm
Height of the front	179 mm
Wall mounting/direct mounting	Yes
Dimensions, approx	Touch: 179 x 246 x 55 mm
Cutout dimensions	Touch: 154 x 220 mm (6.08 x 8.67 inch)
Rail mounting possible	No

Environmental

Degree of protection (NEMA), front side	4X
Degree of protection (IP), front side	IP65

Operating temperature	O°C
Heat dissipation	240 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	1057 Hz, 0.012 peak-to-peak displacement, 57500 Hz, 2 G peak acceleration
Relative humidity	595% noncondensing (590% 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	132 x 99 mm (5.2 x 3.9 inch)
Weight, approx	1.7 kg



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