

PVMax Security Controller

Description



The PVMax Security Controller enables control of a variety of sensors and remote-controlled devices from the PV4E Management Station. Sensors such as temperature, humidity, floods etc., and remote devices such as rack indicators, door locks, door switches, fans, can be physically connected to the PatchView system using the PVMax Security Controller. The PVMax system also uses secure communication in order to avoid unauthorized access.

The PVMax Security Controller supports up to 32 external devices and sensors:

- 8 dry contact ports. The ports support up to 3 amps each
- 16 I/O ports. Different sensors can be connected to these ports
- 8 output ports. A port output is 12 volts limitation of 60 m Amp

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Specifications

Standards compliance	Safety		UL 60950, EN 60950
	EMC		EN-55022, FCC Part 15 Class A, EN-55024
Interface	SERIAL		Standard RS-232 Connector 9 pin D-type male. Data Rate: Up to 115.2 Kbps Protocol: UART, Start bit 1, Stop bit 1, No parity
	UP LINK		RJ-45 socket, RS-485 for connection to the Expander, Master Expander or the Master
	I/O ports		16 separately configurable Inputs/Outputs Output: 5V, 24mA Input: 0-5V
	Command A		8 outputs for Rack Indicators 12VDCout, 650mA max current for all indicators.
	Command B		8 control relays for remote controls. VDCmax = 42VDC Imax=5A
LED Indicators	PWR		Lit when the power is on
	CPU		Blinks when the Indicator Controller is operational
	UP LINK	Rx	On during reception from Hub or Master
		Tx	On during transmission to Hub or Master
	I/O ports		Indicates when port transmits high level(output) or receives high level (input)
	Command A		Indicates when rack indicator is on.
	Command B		Indicates when circuit is closed.
Physical	Height		44.4mm/ 1.75" (1U)
	Width		482.6mm/19"
	Depth		159.5mm/6.28"
	Weight		1.6kg/3.5lb
Environment	Temperature		0 - 500°C /32-1220°F
	Humidity		Up to 90% non-condensing
Power	100VAC to 240VAC 1.2- 0.6 A, 47 to 63 Hz, 30W max		