

Extron

Specifications

IPCP Pro PCS1 xi

Memory

SDRAM	1 GB
Flash	8 GB

Software

Configuration software	Global Configurator® Plus and Professional
Programming software	Global Scripter®
Control apps	Extron Control
Resource management software ..	GlobalViewer® Enterprise
Utilities	Toolbelt, embedded web page

Hardware user interface

Hardware	TouchLink® Pro touchpanels, Network Button Panels, or eBUS® button panels
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Ethernet

Network interface controllers (NICs)	
	1: 1 LAN
Connector	1 female RJ-45 connector
Data rate	10/100/1000Base-T, half/full duplex with autodetect
Protocols	ARP, DHCP, DNS, HTTP (redirect), HTTPS, ICMP, IEEE 802.1X, NTP, SFTP, SMTP, SNMP, SSH, TCP/IP, UDP/IP
Default settings	Link speed and duplex level = autodetected IP address = 192.168.254.250 Subnet mask = 255.255.255.0 Gateway = 0.0.0.0 DHCP = off DNS = 127.0.0.1

Serial

Quantity/type	1 bidirectional RS-232
Connector	(1) 3.5 mm captive screw connector, 3 pole
Baud rate and protocol	300 to 115200 baud (9600 baud = default); 8 (default) or 7 data bits; 1 (default) or 2 stop bits; no parity (default), even, or odd parity

NOTE: The 3-pole port supports software flow control. The default is no flow control.

Pin configurations	
Serial, 3-pole captive screw ...	Pin 1 = Tx, 2 = Rx, 3 = Gnd

Specifications • IPCP Pro PCS1 xi (Continued)

Digital I/O

Quantity/type.....	3 digital input/output (configurable)
Connectors.....	(1) 3.5 mm captive screw connector, 4 pole
Digital inputs	
Input voltage range.....	0 to 24 VDC, clamped at +30 VDC
Input impedance.....	>10k ohms
Programmable pullup	1k ohms to +5 VDC
Upper threshold	2.8 VDC
Lower threshold	2.0 VDC
Digital outputs	250 mA sink from 24 VDC max.
Pin configurations	1, 2, 3 = digital I/Os 1, 2, 3; 4 = Gnd

IR/serial

Quantity/type.....	1 programmable: unidirectional RS-232 (± 5 V), or TTL level (0 to 5 V) infrared (carrier and non-carrier) up to 300 kHz
Connector	(1) 3.5 mm captive screw connector, 2 pole
Baud rate and protocol (RS-232) ..	300 to 115200 baud (9600 baud = default); 8 (default) or 7 data bits; 1 (default) or 2 stop bits; no parity (default), even, or odd parity
Pin configurations	For each port, pin 1 = signal, 2 = Gnd
IR output carrier frequency	30 kHz to 300 kHz

eBUS

eBUS control ports.....	(1) 3.5 mm captive screw connector, 4 pole
eBUS pin configuration	+V = +12 VDC; +S = + signal; -S = - signal; G = ground
Recommended cable type	Extron STP20-2/1000 or STP20-2P/1000 cable
Maximum system cable length.....	1000 feet (305 meters) sum total for the eBUS system, regardless of topology. Power injection may be required depending on system cabling topology and primary power supply wattage. See the <i>eBUS Technology Reference Guide</i> for details.
eBUS power output.....	6 watts

Switched AC power output

Connectors	
Input	1 male IEC power connector, 6" (152 mm)
Output.....	1 female IEC power connector, 6" (152 mm)

NOTE: 1 male IEC to female Edison adapter is included.

Voltage.....	100-240 VAC, 50-60 Hz
Maximum AC load.....	10 A, 1106 watts at 120 VAC 10 A, 2260 watts at 220 VAC
Current sense	
Range.....	0 A to 10 A
Resolution	100 mA

General

Power supply	Internal Input: 100-240 VAC, 50-60 Hz
Power consumption	4.2 watts with no load at the AC output 4.5 watts without eBUS and with partial load at the AC output
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling.....	Convection, no vents
Thermal dissipation.....	14.3 BTU/hr with no load at the AC output 15.4 BTU/hr without eBUS and with partial load at the AC output

Specifications • IPCP Pro PCS1 xi (Continued)

Mounting	
Rack mount	Yes, with optional 1U rack shelf
Furniture mount	Yes, with optional bracket kit
Enclosure type	Metal
Enclosure dimensions.....	1.7" H x 4.3" W x 8.0" D (1U high, quarter rack wide) (43 mm H x 109 mm W x 203 mm D) (Depth excludes connectors.)
Product weight	1.4 lbs (0.6 kg)
Regulatory compliance	CE, C-Tick, c-UL, FCC Class A, ICES, KC, UL, VCCI Complies with the appropriate requirements of RoHS, WEEE
Product warranty	3 years parts and labor

NOTE: All nominal levels are at ±10%.

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.

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