Extron
Specifications

IPCP Pro 350 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

Ethernet

Network interface controllers (NICs)

                         1: 1 LAN

Network switch.............................. 1 unmanaged 3 port switch
Connectors.................................... 3 female RJ-45 connectors
Data rate .... 10/100/1000Base-T, half/full duplex with autodetect
Protocols .... ARP, DHCP, DNS, HTTP, HTTPS (redirect), 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, RS-422, RS-485 (port 1)
2 bidirectional RS-232 (ports 2 and 3)
Connectors.................................... (1) 3.5 mm captive screw connector, 5 pole
(2) 3.5 mm captive screw connectors, 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 5-pole ports support both hardware and software flow control.
> The 3-pole ports support software flow control.
> The default for both types of ports is no flow control.

Pin configurations
    Serial, 5-pole captive screw
        RS-232 (default) .... Pin 1 = Tx, 2 = Rx, 3 = Gnd, 4 = RTS, 5 = CTS
        RS-422 .... Pin 1 = Tx-, 2 = Rx-, 3 = Gnd, 4 = Tx+, 5 = Rx+
        RS-485 .... Pins 1 and 2 (tied together) = data-, 3 = Gnd, 4 and 5 (tied together) = data+
    Serial, 3-pole captive screw ... Pin 1 = Tx, 2 = Rx, 3 = Gnd

Digital I/O

Quantity/type	4 digital input/output (configurable)
Connectors	(1) 3.5 mm captive screw connector, 5 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
Threshold low to high	2.8 VDC
Threshold high to low	2.0 VDC
Digital outputs	250 mA sink from 24 VDC max.
Pin configurations	1, 2, 3, 4 = digital I/Os 1, 2, 3, 4; 5 = Gnd

IR/serial

Quantity/type	2 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, 5 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
IR learning carrier frequency	30 kHz to 300 kHz
IR learning capture distance	2" (5.1 cm) to 12" (30.5 cm) from the front panel

Relay control

Quantity/type	4 normally open relays
Relay control connectors	(1) 3.5 mm captive screw connector, 6 pole
Relay control contact rating	24 VDC, 1 A

eBUS

eBUS control ports	(1) 3.5 mm captive screw connector, 5 pole (uses 4 poles)
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 *eBUS Technology Reference Guide* for details.
eBUS power output	6 watts

General

Power supply	External, included Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1.5 A, 18 watts
Power input requirements	12 VDC, 1 A, 12 watts, max.
Power consumption	
Device	12.0 watts, 12 VDC 5.8 watts without eBUS
Device and power supply	12.8 watts, 100-240 VAC, 50-60 Hz 6.7 watts, 100-240 VAC, 50-60 Hz without eBUS
Ambient 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	
Device	20.5 BTU/hr 19.8 BTU/hr without eBUS
Device and power supply	23.2 BTU/hr 22.9 BTU/hr without eBUS

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 8.7" W x 6.0" D (1U high, half rack wide)
(43 mm H x 221 mm W x 152 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
Everlast power supply warranty .... 7 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**.

5896-D5