

Specifications

IPCP Pro 355DRQ xi

Memory

SDRAM.....	2 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)	2: 1 LAN, 1 AV LAN
Connectors.....	2 female RJ-45 connectors
Data rate.....	10/100/1000Base-T, half/full duplex with autodetect
Protocols	DHCP, DNS, HTTP (redirect), HTTPS, ICMP, IEEE 802.1X, NTP, SFTP, SMTP, SNMP, SSH, TCP/IP, UDP/IP
Default settings	
LAN.....	Link speed and duplex level = autodetected IP address = 192.168.253.250 Subnet mask = 255.255.255.0 Gateway = 0.0.0.0 DHCP = off DNS = 127.0.0.1
AV LAN.....	Link speed and duplex level = autodetected DHCP server = disabled Subnet mask = 255.255.255.0 Gateway = 0.0.0.0
DHCP server disabled.....	IP address = 192.168.254.250 DNS = 127.0.0.1
DHCP server enabled	IP address = 192.168.254.1 DNS = 192.168.254.1 Dynamic leased IP address pool = 192.168.254.100 - 192.168.254.149 Maximum lease count = 50 Lease time = 24 hours

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.

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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

Quantity/type 4 normally open relays

Relay control connectors (2) 3.5 mm captive screw connectors, 3 pole

Relay control contact rating..... 24 VDC, 1 A

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 *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

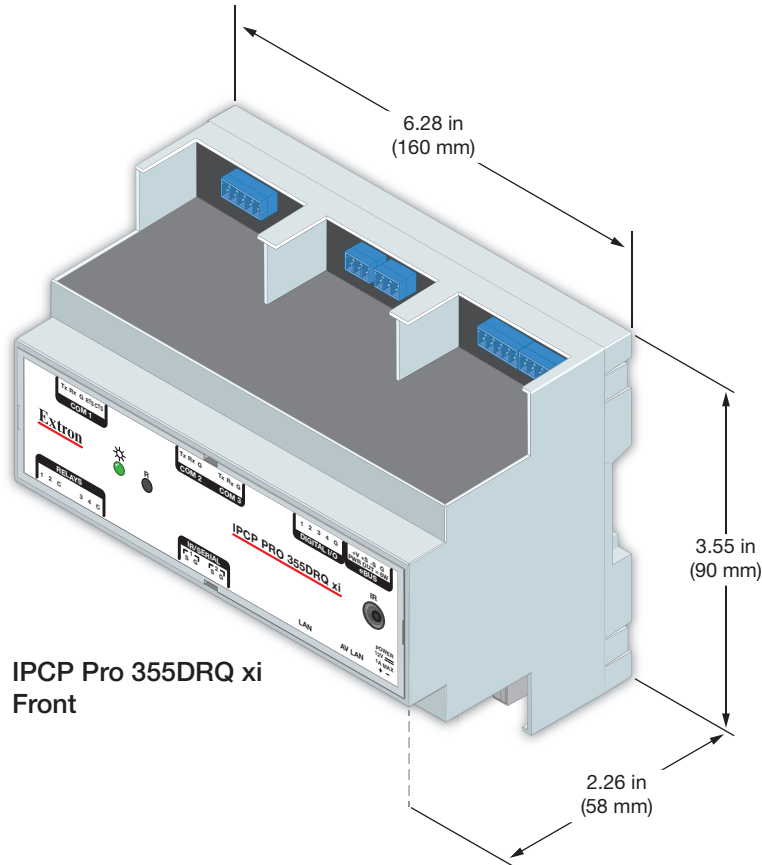
Device TBD watts, 12 VDC

Device and power supply TBD watts, 100-240 VAC, 50-60 Hz

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

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Cooling	Convection, no vents
Thermal dissipation	
Device	TBD BTU/hr
Device and power supply	TBD BTU/hr
Mounting	
Rack mount.....	No
DIN rail mount	Yes, fits a standard 35 mm high DIN rail
Enclosure type	Plastic
Enclosure dimensions	3.55" H x 6.28" W x 2.26" D (90 mm H x 160 mm W x 58 mm D) (Height excludes bottom of mounting clip.)



Product weight	TBD lbs (TBD kg)
Regulatory compliance.....	CE, C-Tick, c-UL, FCC Class A, ICES, 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 $\pm 10\%$.
- NOTE:** Specifications are subject to change without notice.
- NOTE:** Shipping weights and dimensions are available at www.extron.com.

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