Extron

Specifications

IPL EXP RIO8

Memory

SDRAM.. 512 MB
Flash... 512 MB

Software

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

Ethernet

Network interface controllers (NICs) 1
Connectors................................... 1 female RJ-45 connector
Data rate....................................... 10/100Base-T, half/full duplex with autodetect
Protocols .... DHCP, DNS, HTTP (redirect), HTTPS, ICMP (ping), IEEE 802.1X, NTP, SFTP, 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 = 127.0.0.0

Digital I/O

Quantity/type .... 8 digital input/output (configurable)
Connectors................................... (4) 3.5 mm captive screw connectors, 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.
12 VDC, 24 VDC outputs............... Aggregate power output: 19 watts
Pin configuration .... 1, 2 = digital I/Os; 3 = 12 VDC; 4 = 24 VDC; 5 = Gnd

Relays

Quantity/type .... 8 normally open relays
Relay control connectors .... (4) 3.5 mm captive screw connectors, 4 pole
Relay control contact rating........... 24 VDC, 1 A

General

Power supply	Not included
Power input requirements	Power over Ethernet Plus (PoE+) (complies with PoE 802.3af, class 3); 56 VDC (PoE), minimum 0.8 A
Power consumption	
Device	26.9 watts, 56 VDC (PoE+)
Device and PoE injector	31.5 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
Cooling	Convection, no vents
Thermal dissipation	
Device	26.9 BTU/hr
Device and PoE injector	42.5 BTU/hr
Mounting	
Rack mount	Yes, with optional 1U rack shelf or back of the rack mounting kit
Furniture mount	Yes, with optional bracket kit
Enclosure type	Metal
Enclosure dimensions	1.7" H x 4.3" W x 6.0" D (1U high, quarter rack wide) (43 mm H x 109 mm W x 152 mm D)
Product weight	0.45 lbs (0.2 kg)
Regulatory compliance	CE, C-Tick, c-UL, FCC Class A, ICES, UL, VCCI Complies with the appropriate requirements of RoHS, WEEE
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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