

# Specifications

## IPL T S Series

### Ethernet control interface

Connectors .....	1 female RJ-45 connector
Data rate.....	10/100Base-T, half/full duplex with autodetect
Protocols.....	ARP, ICMP (ping), IP, TCP, UDP, DHCP, HTTP, SMTP, Telnet
Default settings.....	Link speed and duplex level = autodetected IP address = 192.168.254.254 Subnet mask = 255.255.0.0 Gateway = 0.0.0.0 DHCP = off
Web server.....	Up to 200 simultaneous sessions 7.25 MB nonvolatile user memory
Program control .....	Extron Global Configurator 3 for Windows® Extron Simple Instruction Set™ (SIS™) Microsoft® Internet Explorer®, Telnet
Global Viewer requirements .....	Microsoft® Internet Explorer ver. 6 or higher

### Serial control interface

Quantity/type	
IPL T S1.....	1 RS-232-only
IPL T S2.....	2 RS-232/RS-422/RS-485 configurable serial
IPL T S4.....	4 RS-232/RS-422/RS-485 configurable serial
IPL T S6.....	2 RS-232/RS-422/RS-485 configurable serial 4 RS-232-only
Connectors	
IPL T S1.....	1 male 9-pin D
IPL T S2.....	2 male 9-pin D and (1) 3.5 mm captive screw connector, 5 pole
IPL T S6.....	2 male 9-pin D and (1) 3.5 mm captive screw connector, 10 pole
IPL T S4.....	4 male 9-pin D
Baud rate and protocol.....	300 to 115200 baud Default settings (adjustable): 9600 baud, 8 data bits, 1 stop bit, no parity
Pin configurations	
Serial, 9-pin D (IPL T S1)	
RS-232.....	2 = Rx, 3 = Tx, 5 = GND, 7 = RTS, 8 = CTS
Serial, 9-pin D (IPL T S2, IPL T S4)	
RS-232 (default).....	2 = Rx, 3 = Tx, 5 = GND, 7 = RTS, 8 = CTS
RS-422.....	2 = Rx-, 3 = Tx-, 5 = GND, 7 = Tx+, 8 = Rx+
RS-485.....	2&3 (tied together) = data-, 5 = GND, 7&8 (tied together) = data+
Serial, 5-pole captive screw	
IPL T S2.....	COM1: pin 1 = Tx, 2 = Rx, 3 = GND COM2: pin 4 = Tx, 5 = Rx, 3 = GND
Serial, 10-pole captive screw	
IPL T S6.....	COM3: pin 1 = Tx, 2 = Rx, 3 = GND COM4: pin 4 = Tx, 5 = Rx, 3 = GND COM5: pin 6 = Tx, 7 = Rx, 8 = GND COM6: pin 9 = Tx, 10 = Rx, 8 = GND

## General

Power .....	Supplied by an included external power supply
External power supply .....	100 VAC to 240 VAC, 50-60 Hz, external; to 12 VDC, 1 A, regulated
Power input requirements .....	12 VDC, 0.5 A
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
Mounting	
Rack mount .....	Yes, with optional 1U rack shelf
Furniture mount .....	Under-furniture mountable with optional kit
Pole mount .....	Yes, with optional pole mount kit
Enclosure type .....	Metal
Enclosure dimensions	
IPL T S1 .....	1.0" H x 4.3" W x 3.0" D (quarter rack wide) (2.5 cm H x 10.9 cm W x 7.6 cm D) (Depth excludes connectors.)
All other models .....	1.7" H x 4.3" W x 3.0" D (1U high, quarter rack wide) (4.3 cm H x 10.9 cm W x 7.6 cm D) (Depth excludes connectors.)
Product weight .....	0.7 lbs (0.3 kg)
Shipping weight .....	2 lbs (1 kg)
Vibration .....	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety .....	CE, c-UL, UL UL rated for use in plenum airspaces: meets UL 2043 for heat and smoke release, excluding the power supply; meets UL 60950 for safety.
EMI/EMC .....	CE, C-tick, FCC Class A, ICES, VCCI
Warranty .....	3 years parts and labor

**NOTES:** All nominal levels are at  $\pm 10\%$ .

Specifications are subject to change without notice.

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