

# IPL T SFI244

## IP LINK CONTROL PROCESSOR

- ▶ Ethernet monitoring and control
- ▶ Supports TouchLink™ Touchpanels
- ▶ Two bidirectional RS-232 serial ports
- ▶ Four IR ports
- ▶ Four Flex I/O ports
- ▶ Serial port pass-through
- ▶ Supports up to six Ethernet-controllable devices
- ▶ Extensive library of Extron Certified device drivers
- ▶ Integrated IR learner
- ▶ Free Global Configurator, easy-to-use configuration software



The Extron IPL T SFI244 is a compact IP Link® control processor designed to support configurable control systems. The IPL T SFI244 integrates IP connectivity into AV systems, giving users the ability to remotely control, monitor, and troubleshoot AV systems and equipment, including display devices and switchers.



**Extron® Electronics**  
INTERFACING, SWITCHING AND CONTROL

## DESCRIPTION

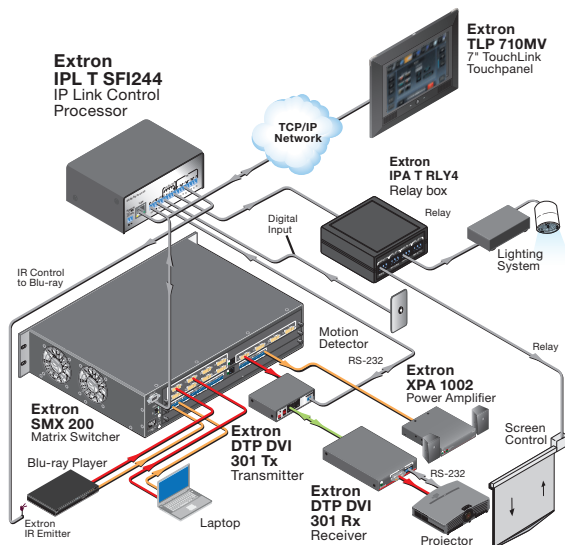
In addition to the integrated Web server, the **IPL T SF1244** offers two RS-232 ports, four Flex I/O ports, four IR ports, and an IR learner. The IR learner can be configured to send IR and serial signals allowing a multitude of devices with these legacy interfaces to be easily adapted to today's high-speed LAN communication systems.

The IPL T SF1244 is configured using Extron's free, easy-to-use Global Configurator software. Using the Free GlobalViewer® Web-based AV resource management and remote control application, users can manage, monitor, and control both Extron and third-party equipment such as projectors, displays, computer monitors, VCRs, and DVD players. Additionally, it can interface with other devices that are network enabled. The IPL T SF1244 can communicate with multiple TouchLink interfaces over a standard Ethernet network allowing utilization of existing network infrastructure.

## KEY FEATURES

- ▶ Ethernet monitoring and control
- ▶ Supports TouchLink™ Touchpanels
- ▶ Two bidirectional RS-232 serial ports
- ▶ Four IR ports
- ▶ Four Flex I/O ports
- ▶ Serial port pass-through
- ▶ Supports up to six Ethernet-controllable devices
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- ▶ Extensive library of Extron Certified device drivers
- ▶ Integrated IR learner

## APPLICATION DIAGRAM



## SPECIFICATIONS

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	
Web server	Up to 200 simultaneous sessions	
IPL T SF1244	7.25 MB nonvolatile user memory	
Program control	Extron Simple Instruction Set (SIS™)	
GlobalViewer requirements	Microsoft® Internet Explorer® ver. 6 or higher	
SERIAL CONTROL INTERFACE		
Quantity/type	2 RS-232 only	
Baud rate and protocol	300 to 115200 baud Default settings (adjustable): 9600 baud, 8 data bits, 1 stop bit, no parity	
Pin configurations	COM1: pin 1 = TX, 2 = RX, 3 = GND COM2: pin 4 = TX, 5 = RX, 3 = GND	
FLEX I/O CONTROL INTERFACE		
Quantity/type	4 analog input or digital input/output (configurable)	
Digital inputs		
Input voltage range	0 to 24 VDC, clamped at +30 VDC	
Digital outputs	250 mA sink from 24 VDC max.	
Analog inputs	12 bit A/D, 0 to 24 VDC	
Pin configurations	1, 2, 3, 4 = digital I/Os 1, 2, 3, 4; 5 = GND	
IR CONTROL INTERFACE		
Quantity/type	4 IR	
GENERAL		
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	
Cooling	Convection, no vents	
Enclosure type	Metal	
Enclosure dimensions	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)	
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	
MTBF	30,000 hours	
Warranty	3 years parts and labor	
NOTE: All nominal levels are at ±10%.		
NOTE: Specifications are subject to change without notice.		
Model	Version Description	Part number
IPL T SF1244	Two serial, four Flex I/O, four IR	60-544-86

For complete specifications, please go to [www.extron.com](http://www.extron.com)  
Specifications are subject to change without notice.

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