

IPL Pro S1

IP LINK PRO CONTROL PROCESSOR



The Extron IPL Pro S1 is a compact, high-performance control processor with more power, speed and memory. It features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink® Pro touchpanels using today's network infrastructure. It can be used as either a stand-alone control processor in a smaller system or as a secondary control processor in a larger system when paired with an IPCP Pro control processor and Global Configurator Professional.

- ▶ Supports TouchLink® Pro touchpanels
- ▶ Supports secure industry standard communications protocols
- ▶ One bidirectional RS-232 port with hardware and software handshaking
- ▶ Ethernet monitoring and control
- ▶ Power over Ethernet allows the control processor to receive power and control over a single Ethernet cable, eliminating the need for a local power supply
- ▶ Supports 10/100/1000 Base-T
- ▶ Supports Ethernet-controllable devices
- ▶ Automatic clock synchronization allows touchpanel to display the accurate time and date
- ▶ Supports control system synchronization
- ▶ Front panel port status indicators
- ▶ Multi-level password protection
- ▶ Fully customizable using Extron control system software



DESCRIPTION

The Extron **IPL Pro S1** is a compact, high-performance control processor designed for stand-alone use in a small size AV system. It can also be used in a larger system as a secondary control processor when combined with Global Configurator Professional and an IPCP Pro control processor. The IPL Pro S1 supports Gigabit Ethernet and advanced network security standards, making it ideal for military or other sensitive applications.

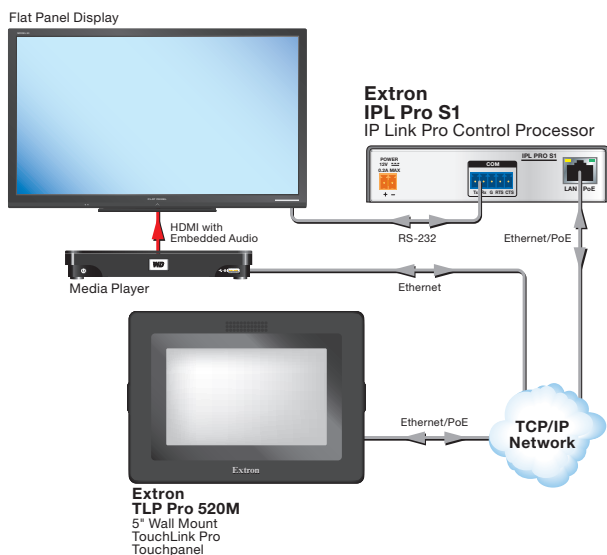
The IPL Pro S1 is configured using Extron Global Configurator Plus or Global Configurator Professional software. The IPL Pro S1 can communicate with multiple TouchLink® Pro touchpanels using standard network infrastructure.

The IPL Pro S1 is compatible with GlobalViewer® Enterprise software for complete, centralized AV resource monitoring, management, and control over a computer network.

KEY FEATURES

- ▶ Supports TouchLink® Pro touchpanels
- ▶ Supports secure industry standard communications protocols
- ▶ One bidirectional RS-232 port with hardware and software handshaking
- ▶ Ethernet monitoring and control
- ▶ Power over Ethernet allows the control processor to receive power and control over a single Ethernet cable, eliminating the need for a local power supply
- ▶ Supports 10/100/1000 Base-T

APPLICATION DIAGRAM



SPECIFICATIONS

MEMORY		
SDRAM	512 MB	
Flash	512 MB	
SOFTWARE AND CONTROL OPTIONS		
Software	Extron Global Configurator Plus and Professional for Windows®	
Control options	GlobalViewer®, TouchLink® for Web, TouchLink for iPad®, or TouchLink Pro touchpanels	
ETHERNET CONTROL		
Connectors	1 female RJ-45 connector	
Data rate	10/100/1000Base-T, half/full duplex with autodetect	
Protocols	DHCP, DNS, HTTP, HTTPS, ICMP, NTP, SFTP, SMTP, SNMP, SSH, TCP/IP, UDP/IP	
SERIAL CONTROL		
Quantity/type	1 bidirectional RS-232	
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, odd, mark, or space parity	
GENERAL		
Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts	
Power input requirements	12 VDC, 1 A, 12 watts, max. Or power over Ethernet (PoE) (complies with PoE 802.3af, class 3)	
Power consumption	Device: 1.5 watts, 12 VDC	
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	
Device	5.2 BTU/hr	
Device and power supply	6.8 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		
Enclosure type	Metal	
Enclosure dimensions	1.7" H x 4.3" W x 6.0" D (1U high, quarter rack wide) (4.3 cm H x 10.9 cm W x 15.2 cm D) (Depth excludes connectors.)	
Product weight	0.6 lbs (0.3 kg)	
REGULATORY COMPLIANCE		
Safety	CE, c-UL, UL UL Listed for use in plenum air handling spaces: meets UL 2043 for heat and smoke release; meets UL 60950 for safety.	
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI	
Environmental	Complies with the appropriate requirements of RoHS, WEEE	
Warranty	3 years parts and labor	
NOTE: All nominal levels are at ±10%.		
Model	Version Description	Part number
IPL Pro S1	One Serial Port	60-1412-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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