

# IPL Pro S6

## IP LINK PRO CONTROL PROCESSOR

- ▶ Supports TouchLink® Pro touchpanels
- ▶ Supports secure industry standard communications protocols
- ▶ Five bidirectional RS-232 ports with hardware and software handshaking
- ▶ One bidirectional RS-232/RS-422/RS-485 serial 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



The Extron IPL Pro S6 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 or as a secondary control processor in a larger system when paired with an IPCP Pro control processor and Global Configurator Professional.



**Extron Electronics**  
INTERFACING, SWITCHING AND CONTROL

## DESCRIPTION

The Extron **IPL Pro S6** is a compact, high-performance control processor with six bidirectional serial ports. It features faster processing, more memory, and Gigabit Ethernet, which ensures compatibility with today's network infrastructure. In addition to faster network connectivity, the IPL Pro S6 supports the latest network security standards, making it ideal for military or other sensitive applications.

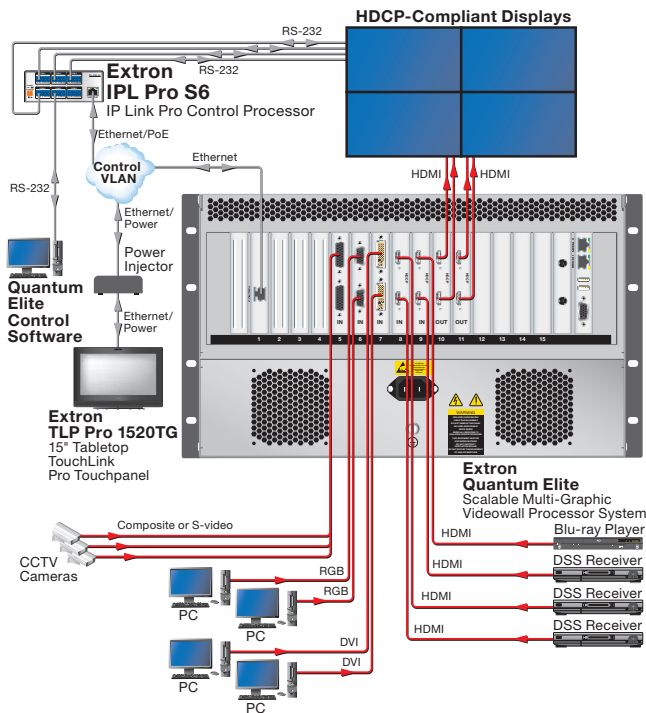
The IPL Pro S6 is designed to be used as a stand-alone control processor in systems configured with Global Configurator Plus or Professional. It may also be grouped with an IPCP Pro control processor in more complex systems configured with Global Configurator Professional. This powerful control processor can communicate with multiple TouchLink® Pro touchpanels using standard network infrastructure.

The IPL Pro S6 is compatible with GlobalViewer® Enterprise software for complete, centralized AV resource monitoring, management, and control over a computer network.

## KEY FEATURES

- ▶ Ethernet monitoring and control
- ▶ Supports TouchLink® touchpanels
- ▶ Six bidirectional RS-232 ports with software handshaking

## 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, RS-422, RS-485 (port 1)<br>5 bidirectional RS-232 (ports 2 through 6)   |             |
| 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<br>Input: 100-240 VAC, 50-60 Hz<br>Output: 12 VDC, 1 A, 12 watts   |             |
| Power input requirements     | 12 VDC, 1 A, 12 watts, max.<br>Or power over Ethernet (PoE) (complies with PoE 802.3af, class 3)  |             |
| Power consumption            | Device: 2.0 watts, 12 VDC<br>Device and power supply: 2.7 watts, 100-240 VAC, 50-60 Hz  |             |
| Temperature/humidity         | Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing<br>Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing              |             |
| Device                       | 6.8 BTU/hr  |             |
| Device and power supply      | 9.0 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 dimensions         | 1.7" H x 4.3" W x 6.0" D (1U high, quarter rack wide)<br>(4.3 cm H x 10.9 cm W x 15.2 cm D)<br>(Depth excludes connectors.)                             |             |
| Product weight               | 0.8 lbs (0.4 kg)  |             |
| Regulatory compliance        |   |             |
| Safety                       | CE, c-UL, UL<br>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   |             |
| Model                        | Version Description   | Part number |
| IPL Pro S6                   | Six Serial Ports  | 60-1414-01  |

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

### Worldwide Sales Offices

Anaheim • Raleigh • Silicon Valley • Dallas • New York • Washington, DC • Toronto • Mexico City • Paris • London • Frankfurt  
Amersfoort • Moscow • Dubai • Johannesburg • New Delhi • Bangalore • Singapore • Seoul • Shanghai • Beijing • Tokyo

#### UNITED STATES

+800.633.9876  
Inside USA/Canada  
+1.714.491.1500

#### EUROPE

+800.3987.6673  
Inside Europe  
+31.33.453.4040

#### ASIA

+800.7339.8766  
Inside Asia  
+65.6383.4400

#### MIDDLE EAST

+971.4.299.1800