IPL Pro CR88

IP LINK PRO CONTROL PROCESSOR

▸ **Supports TouchLink® Pro touchpanels**

▸ **Fully customizable using Extron GC Plus or GC Pro software**

▸ **Supports secure industry standard communications protocols**

▸ **Eight relays for controlling room functions**

▸ **Eight contact closure ports**

▸ **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**

▸ **Manage, monitor, and control AV devices using a standard Ethernet network**

▸ **Supports 10/100/1000Base-T**

▸ **Supports Ethernet-controllable devices**
  – Up to 8 devices with GC Plus
  – Up to 32 devices with GC Pro

▸ **Automatic clock synchronization allows touchpanel to display the accurate time and date**

▸ **Front panel port status indicators**

The Extron IPL Pro CR88 is a compact, high-performance control processor with eight contact closure ports and eight relays. With more power, speed, and memory, as well as advanced security standards and Gigabit Ethernet, the control processor is compatible with multiple TouchLink® Pro touchpanels within today's network infrastructure. It can be used as a stand-alone control processor in systems configured with Global Configurator™ Plus or Professional. It may also be grouped with other IP Link® Pro control processors in more complex systems configured with Global Configurator Professional.

Extron Electronics
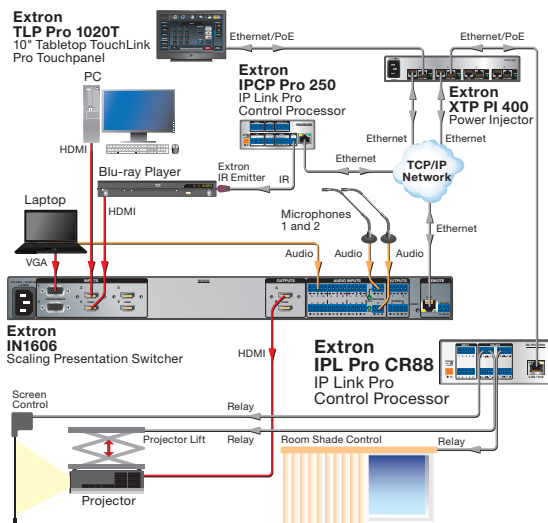INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

As with all IP Link® Pro models, the **IPL Pro CR88** is designed to take advantage of the power and advanced configuration potential of Extron Global Configurator™ Plus and Global Configurator Professional software. Depending on the AV application and the chosen mode of Global Configurator, the IPL Pro CR88 can be used as a stand-alone processor in a small or medium-size AV system, or grouped with up to three other IP Link Pro control processors in a larger, more elaborate system.

When used with GlobalViewer® Enterprise software, the IPL Pro CR88 provides a powerful, flexible way to manage, monitor, and control both Extron and third-party equipment like projectors, flat-panel displays, monitors, Blu-ray players, and other devices using standard network infrastructure.

KEY FEATURES

▸ Supports TouchLink® Pro touchpanels

▸ Fully customizable using Extron GC Plus or GC Pro software

▸ Supports secure industry standard communications protocols

▸ Eight contact closure ports

▸ Eight relays for controlling room functions

▸ Manage, monitor, and control AV devices using a standard Ethernet network

▸ Power over Ethernet allows the control processor to receive power and control over a single Ethernet cable

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, ICMP (ping), HTTP, HTTPS, NTP, SFTP, SMTP, SNMP, SSH, TCP/IP, UDP/IP

CONTACT INPUT CONTROL	
Quantity/type	8 contact closure inputs
Contact closure (input only)	
Input voltage range	0 to 5 VDC, clamped at +5.1 V

RELAY CONTROL	
Quantity/type	8 normally open relays
Relay control contact rating	24 VDC, 1 A

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)
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 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) (4.3 cm H x 10.9 cm W x 15.2 cm D) (Depth excludes connectors.)
Product weight	0.8 lbs (0.4 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

Model	Version Description	Part number
IPL Pro CR88	Eight Contact and Eight Relays	60-1416-01
XTP PI 100	Single Port Power Injector	60-1233-01

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