

IPCP Pro 255

IP LINK PRO CONTROL PROCESSOR



- ▶ Supports TouchLink® Pro touchpanels and eBUS® button panels
- ▶ Dedicated AV LAN port allows AV devices to be isolated from the corporate network
- ▶ Supports secure industry standard communications protocols
- ▶ Supports LinkLicense®
- ▶ One bidirectional RS-232 serial port with software handshaking
- ▶ One bidirectional RS-232/RS-422/RS-485 serial port with hardware and software handshaking
- ▶ Two relays for controlling room functions
- ▶ eBUS® port for connecting eBUS - enabled devices
- ▶ DHCP server for AV LAN
- ▶ Supports Ethernet-controllable devices



The Extron IPCP Pro 255 is a compact, high-performance control processor with a dedicated AV LAN port. It features advanced security standards and dual Gigabit Ethernet ports, which ensure compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. Of the two Ethernet ports, the AV LAN is designed to control local AV devices, and safeguard them from outside intrusion or interference.



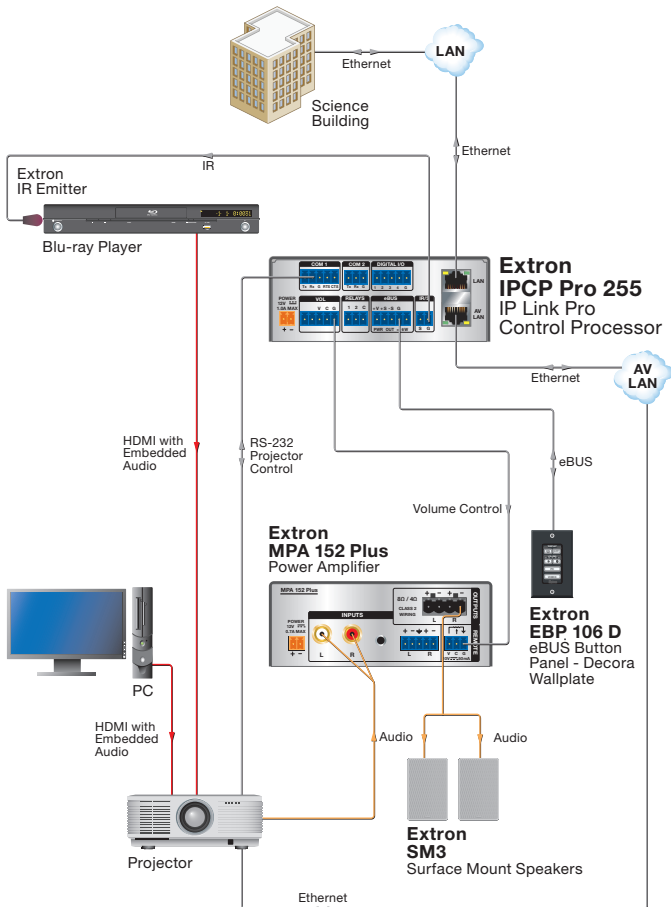
Extron Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron **IPCP Pro 255** is a compact, high performance IP Link Pro control processor with a dedicated AV LAN port. It features advanced security standards and dual Gigabit Ethernet ports, which ensure compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. Of the two Ethernet ports, the AV LAN is designed to control local AV devices, and safeguard them from outside intrusion or interference. The IPCP Pro 255 can be used with Extron LinkLicense®, which further enhances the capabilities of Extron Pro Series control systems. The IPCP Pro 255 is an ideal choice for controlling multiple devices and control signal types within AV systems requiring an isolated AV network.

The IPCP Pro 255 is configured using Extron Global Configurator® Plus and Professional software, which provides powerful customization options. It is also compatible with GlobalViewer® Enterprise software for complete, centralized AV resource monitoring, management, and control over a computer network.

APPLICATION DIAGRAM



SPECIFICATIONS

| | | |
|--|---|--------------------|
| MEMORY | | |
| SDRAM | 512 MB | |
| Flash | 4.5 GB | |
| SOFTWARE AND CONTROL OPTIONS | | |
| Software | Extron Global Configurator® Plus and Professional for Windows® | |
| Control options | GlobalViewer®, Extron Control for iPad and Web, TouchLink® Pro touchpanels, or eBUS® button panels | |
| ETHERNET CONTROL | | |
| Connectors | 2 female RJ-45 connectors | |
| 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) 1 bidirectional RS-232 (port 2) | |
| DIGITAL I/O CONTROL | | |
| Quantity/type | 4 digital input/output (configurable) | |
| Digital inputs | Input voltage range 0 to 24 VDC, clamped at +30 VDC | |
| IR/SERIAL CONTROL | | |
| Quantity/type | 1 programmable: unidirectional RS-232 (±5 V), or TTL level (0 to 5 V) infrared (carrier and non-carrier) up to 300 kHz | |
| RELAY CONTROL | | |
| Quantity/type | 2 normally open relays | |
| VOLUME CONTROL | | |
| Quantity/type | 1 volume control (compatible with select Extron amplifiers) | |
| Control voltage output range | 0 to +10 VDC (±0.2 volts), adjustable | |
| EBUS CONTROL | | |
| eBUS control ports | (1) 3.5 mm captive screw connector, 5 pole (uses 4 poles) | |
| eBUS power output | 6 watts | |
| 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. | |
| 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.) | |
| 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 |
| IPCP Pro 255 | IP Link Pro Control Processor | 60-1431-01 |
| IPCP Pro 255 | IP Link Pro Control Proc., LL UI Upgrade | 60-1431-01A |

For complete specifications, please go to 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
Madrid • Stockholm • Amersfoort • Moscow • Dubai • Johannesburg • Tel Aviv • Sydney • Melbourne
New Delhi • Bangalore • Singapore • Seoul • Shanghai • Beijing • Hong Kong • Tokyo

www.extron.com