IPCP Pro 255

IP LINK PRO CONTROL PROCESSOR

IPLINK **PRO**   @**BUS**

▸ **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.
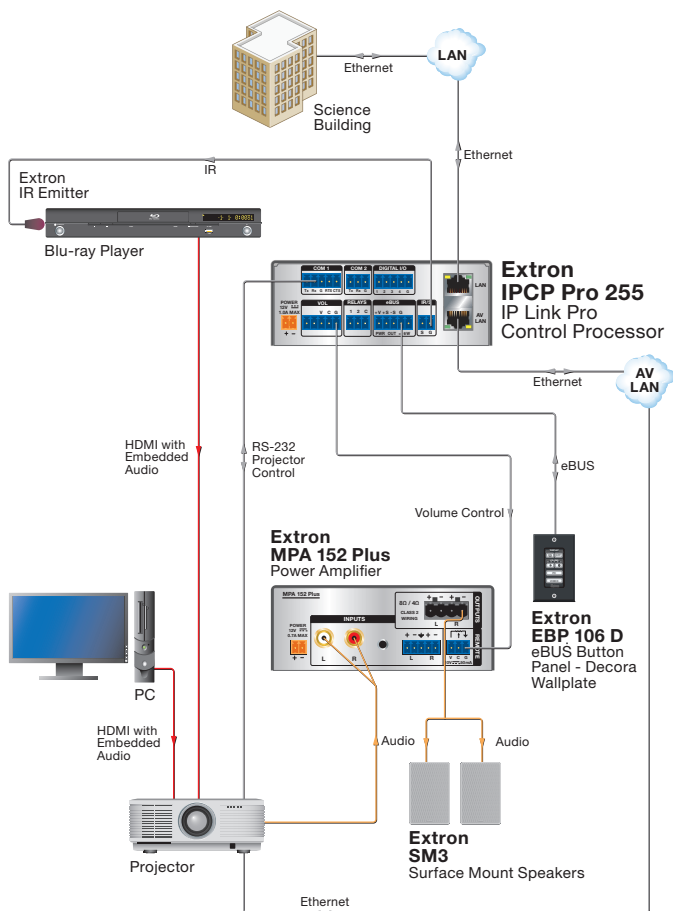
Extron Electronics
INTERFACING, SWITCHING AND CONTROL

SERVICE SUPPORT SOLUTIONS 3

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.