IPCP Pro 360

IP LINK PRO CONTROL PROCESSOR

IPLINK **PRO**   **e**BUS

▸ **Three AV LAN ports allow AV devices to be isolated from the corporate network**

▸ **AV LAN ports provide PoE+ power to external devices**

▸ **Supports secure industry standard communications protocols**

▸ **eBUS port for connecting eBUS® button panels and accessories**

▸ **Supports TouchLink® Pro touchpanels and eBUS® button panels**

▸ **Ethernet monitoring and control on each Ethernet port**

▸ **DHCP server for AV LAN streamlines system setup and management**

▸ **The AV LAN port only permits communications from the Ethernet port for remote management and firmware updates for Extron devices**

The Extron IPCP Pro 360 is a high-performance control processor with three dedicated AV LAN ports and one standard Ethernet port. The control processor can provide PoE+ to external devices, eliminating the need for a additional power supplies. It features advanced security standards and Gigabit Ethernet ports, which ensure compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. The AV LAN ports are designed to control and power local AV devices, and safeguard them from outside intrusion or interference. The IPCP Pro 360 is an ideal choice for AV systems that require flexible control signal capability and the enhanced security of an isolated AV network.

Extron Electronics
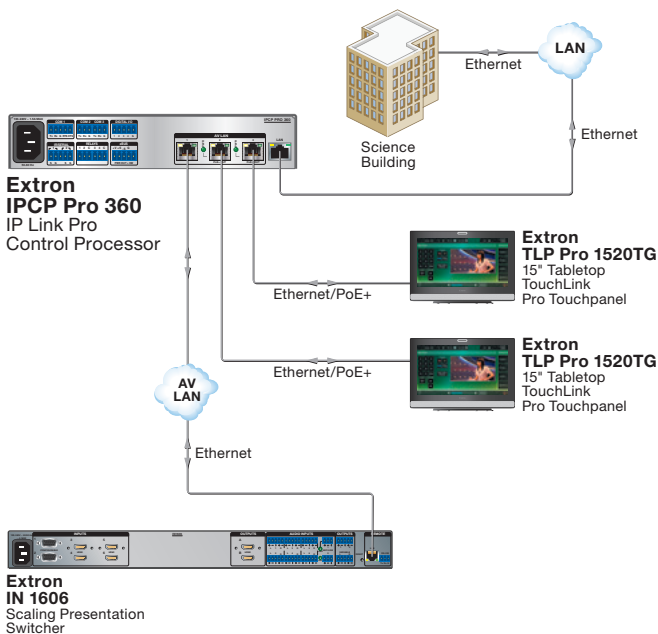INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The **IPCP Pro 360** is a powerful and versatile control processor with three, secure AV LAN ports designed to control local AV devices and safeguard them from outside intrusion or interference. The IPCP Pro 360 can also provide PoE+ power to external devices, eliminating the need for additional power supplies. It features a DHCP server for the AV LAN that streamlines system setup and management by automatically distributing IP addresses and network configuration parameters to the connected devices. It can also be used with Extron LinkLicense®, which further enhances its capabilities.

The Extron IPCP Pro 360 can be configured using Global Configurator Plus or Global Configurator Professional software or programmed using Extron Global Scripter. For enterprise-wide applications, GlobalViewer® Enterprise can provide centralized AV resource monitoring, management, and control over a computer network.

KEY FEATURES

▸ Three AV LAN ports allow AV devices to be isolated from the corporate network

▸ AV LAN ports provide PoE+ to external devices

▸ Supports secure industry standard communications protocols

▸ Supports eBUS devices and TouchLink Pro touchpanels

APPLICATION DIAGRAM

LAN

Ethernet

Science Building

Ethernet

Extron IPCP Pro 360
IP Link Pro Control Processor

Extron TLP Pro 1520TG
15" Tabletop TouchLink Pro Touchpanel

Ethernet/PoE+

Extron TLP Pro 1520TG
15" Tabletop TouchLink Pro Touchpanel

Ethernet/PoE+

AV LAN

Ethernet

Extron IN 1606
Scaling Presentation Switcher

SPECIFICATIONS

MEMORY	
SDRAM	512 MB
Flash	4.5 GB

SOFTWARE AND CONTROL OPTIONS	
Software	Extron Global Configurator® Plus and Professional for Windows®, Global Scripter®
Control options	GlobalViewer® Enterprise, Extron Control, TouchLink® Pro touchpanels, or eBUS® button panels

ETHERNET CONTROL	
Connectors	LAN: 1 female RJ-45 connectorAV LAN: 3 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) 2 bidirectional RS-232 (ports 2 and 3)

DIGITAL I/O CONTROL	
Quantity/type	4 digital input/output (configurable)
Digital inputs Input voltage range	0 to 24 VDC, clamped at +30 VDC
Digital outputs	250 mA sink from 24 VDC max.

IR/SERIAL CONTROL	
Quantity/type	2 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	4 normally open relays
Relay control contact rating	24 VDC, 1 A

EBUS CONTROL	
eBUS control ports	(1) 3.5 mm captive screw connector, 5 pole (uses 4 poles)
Recommended cable type	Extron STP20-2/1000 or STP20-2P/1000 cable
eBUS power output	6 watts

SWITCHED POE+ POWER OUTPUT	
Quantity/type	2 switched PoE+ outputs
Power	Maximum 30 watts per port

GENERAL	
Power supply	Internal Input: 100-240 VAC, 50-60 Hz
Enclosure dimensions	1.7" H x 8.7" W x 10.5" D (1U high, half rack wide) (4.3 cm H x 22.1 cm W x 26.7 cm D) (Depth excludes connectors.)
Regulatory compliance Safety EMI/EMC Environmental	CE, c-UL, UL CE, C-Tick, FCC Class A, ICES, KCC, VCCI 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 360	IP Link Pro Control Processor	60-1432-01
IPCP Pro 360	IP Link Pro Control Proc., LL UI Upgrade	60-1432-01A

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

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