IPCP Pro 250

IP LINK PRO CONTROL PROCESSOR

▸ **Supports TouchLink® Pro touchpanels**

▸ **Supports secure industry standard communications protocols**

▸ **Supports LinkLicense™**

▸ **One bidirectional RS-232 port with software handshaking**

▸ **One bidirectional RS-232/RS-422/ RS-485 serial port with hardware and software handshaking**

▸ **One IR/Serial port for one-way control of external devices**

▸ **Support BMS Protocol: BACnet, KNX, DALI**

▸ **Ethernet monitoring and control**

▸ **Supports 10/100/1000 Base-T**

▸ **Supports Ethernet-controllable 8 devices**

The Extron IPCP Pro 250 is a versatile, high-performance control processor designed for centralized AV control in small to medium-size applications. It is engineered to be faster and more secure in almost every way. It features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink Pro touchpanels using today's network infrastructure. The IPCP Pro 250 is an ideal choice for controlling multiple devices and signal types within an AV system.

Extron Electronics
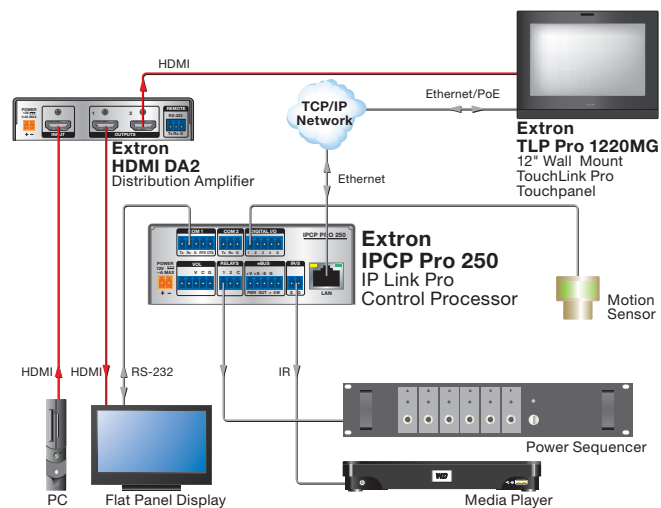## INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron **IPCP Pro 250** is a versatile, high-performance control processor designed for centralized AV control in small to medium-size applications. The IPCP Pro 250 is faster and more secure in almost every way. It can communicate with multiple TouchLink® Pro touchpanels over a standard network and features Gigabit Ethernet for compatibility with today's network infrastructure. The IPCP Pro 250 also supports Extron LinkLicense™, which is a simple way for people to use their mobile devices or computers as primary control interfaces in an Extron control system.

The IPCP Pro 250 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.

KEY FEATURES

▸ Supports TouchLink® Pro touchpanels

▸ Supports secure industry standard communications protocols

▸ Supports LinkLicense™

▸ One bidirectional RS-232 port with software handshaking

▸ One bidirectional RS-232/RS-422/RS-485 serial port with hardware and software handshaking

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®, TouchLink® for Web, TouchLink for iPad®, or TouchLink Pro touchpanels

ETHERNET CONTROL	
Connector	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)
	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
Digital outputs	250 mA sink from 24 VDC max.

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
Control voltage output range	0 to +10 VDC (±0.2 volts), adjustable

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.
Device	TBD
Device and power supply	TBD
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
	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
IPCP Pro 250	IP Link Control Processor	60-1429-01
IPCP Pro 250	IP Link Control Processor w/LinkLicense	60-1429-01A

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