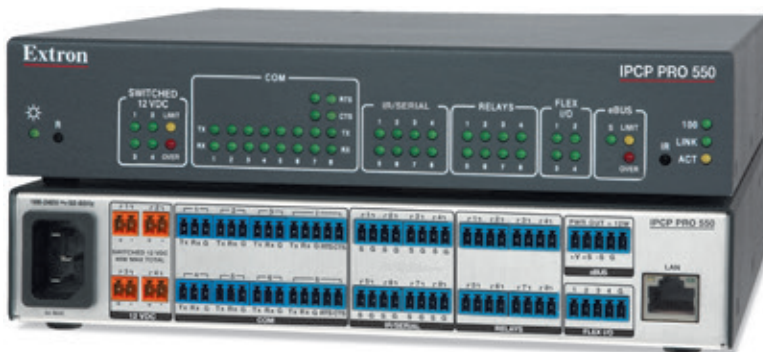


IPCP Pro 550

IP LINK PRO CONTROL PROCESSOR

- ▶ Supports TouchLink® Pro touchpanels
- ▶ Supports secure industry standard communications protocols
- ▶ Supports LinkLicense™
- ▶ Six bidirectional RS-232 ports with software handshaking
- ▶ Two bidirectional RS-232/RS-422/RS-485 serial port with hardware and software handshaking
- ▶ Eight IR/Serial ports for one-way control of external devices
- ▶ Four Flex I/O ports
- ▶ Eight relays for controlling room functions
- ▶ Ethernet monitoring and control
- ▶ Supports Ethernet-controllable devices
- ▶ Supports 10/100/1000 Base-T



The Extron IPCP Pro 550 is a versatile, high-performance control processor designed for centralized AV control in larger 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 550 is an ideal choice for controlling multiple devices and signal types within an AV system.



Extron Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

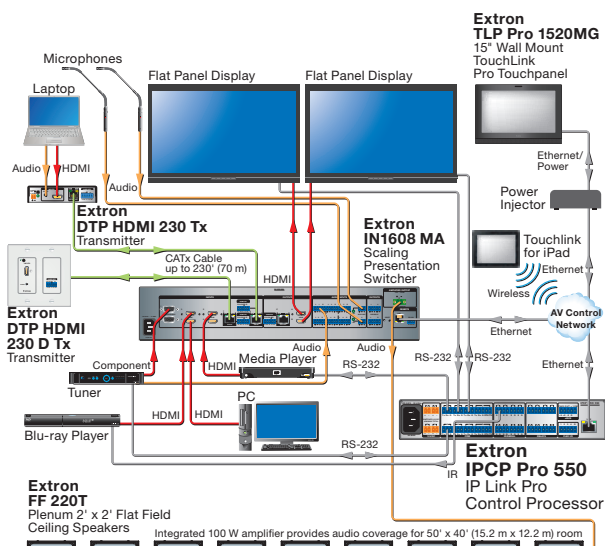
The Extron **IPCP Pro 550** is a versatile, high-performance control processor designed for centralized AV control in medium to large size applications. As part of the new IP Link Pro Series, the IPCP Pro 550 is faster and more secure in almost every way. It can communicate with multiple TouchLink® Pro touchpanels over a standard network and features Gigabit Ethernet for compatibility with today's network infrastructure. The IPCP Pro 550 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 550 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™
- ▶ Six bidirectional RS-232 ports with software handshaking
- ▶ Two bidirectional RS-232/RS-422/RS-485 serial port with hardware and software handshaking
- ▶ Eight IR/Serial ports for one-way control of external devices

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	2 bidirectional RS-232, RS-422, RS-485 (ports 7 and 8) 6 bidirectional RS-232 (ports 1 through 6)	
FLEX I/O CONTROL		
Quantity/type	4 analog input or 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.	
Analog inputs	12 bit A/D, 0 to 24 VDC	
IR/SERIAL CONTROL		
Quantity/type	8 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	8 normally open relays	
Relay control contact rating	24 VDC, 1 A	
SWITCHED DC POWER OUTPUT		
Quantity/type	4 switched 12 VDC outputs	
Power	Maximum 40 watts total	
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	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 550	IP Link Control Processor	60-1418-01
IPCP Pro 550	IP Link Control Processor w/LinkLicense	60-1418-01A

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

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