

IPCP Pro PCS1

IP LINK PRO POWER AND DEVICE CONTROL PROCESSOR



The Extron IPCP Pro PCS1 is a versatile, high-performance IP Link Pro control processor with AC power and device control. This unique control processor combines a variety of AV control ports and the ability to supply and manage device power. Featuring IEC power connectors and rated for 100-240 VAC, 50/60 Hz operation, the IPCP Pro PCS1 provides worldwide compatibility. The compact IPCP Pro PCS1 features advanced security standards and Gigabit Ethernet, which ensures compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure.

- ▶ Supports TouchLink Pro touchpanels and eBUS® button panels
- ▶ Supports LinkLicense®
- ▶ Intelligent current sensing with alarm thresholds
- ▶ Outlet status retention during power loss
- ▶ One male AC input and one female AC output - both using IEC connections
- ▶ Easily-accessible, front panel circuit breaker adds over-current protection for remotely controlled connected devices

DESCRIPTION

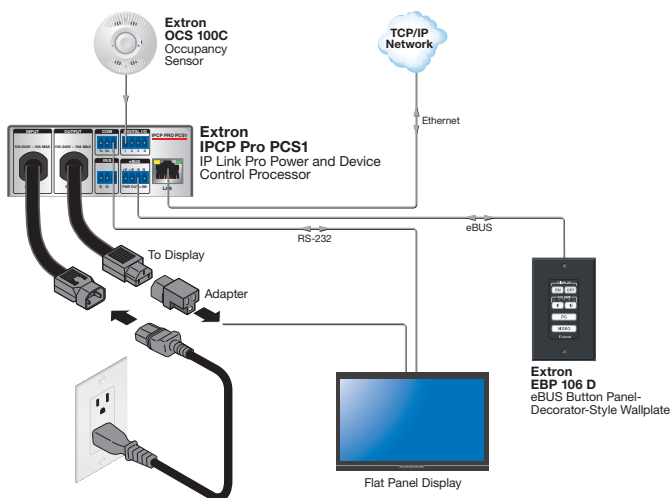
The **IPCP Pro PCS1** is a versatile control processor that combines AC power management and high-performance AV device control. In addition to these powerful features, it also accepts Extron LinkLicense, which further enhances the capabilities of Extron Pro Series control systems. The IPCP Pro PCS1 is an ideal choice for controlling multiple devices and control signal types, as well as device power within an AV system.

The Extron IPCP Pro PCS1 can be configured using Global Configurator Plus or Global Configurator Professional software or programmed using Extron Global Scriptor. For enterprise-wide applications, GlobalViewer® Enterprise can provide centralized AV resource monitoring, management, and control over a computer network.

KEY FEATURES

- ▶ One bidirectional RS-232 serial port with software handshaking
- ▶ One IR/Serial port for one-way control of external devices
- ▶ Three digital I/O ports
- ▶ eBUS port for connecting eBUS button panels and accessories
- ▶ Supports 10/100/1000Base-T
- ▶ Supports popular Building Management System protocols, such as BACnet, KNX, and DALI

APPLICATION DIAGRAM



SPECIFICATIONS

MEMORY		
SDRAM	512 MB	
Flash	4.5 GB	
SOFTWARE AND CONTROL OPTIONS		
Software	Extron Global Configurator® Plus and Professional for Windows®, Global Scriptor®	
Control options	GlobalViewer Enterprise®, Extron Control, TouchLink® Pro touchpanels, or eBUS® button panels	
ETHERNET CONTROL		
Network interface controllers (NICs)	1	
Connector	1 female RJ-45 connector	
SERIAL CONTROL		
Quantity/type	1 bidirectional RS-232	
DIGITAL I/O CONTROL		
Quantity/type	3 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	
EBUS CONTROL		
eBUS control ports	(1) 3.5 mm captive screw connector, 4 pole	
eBUS power output	6 watts	
SWITCHED AC POWER OUTPUT		
Connectors		
Input	1 male IEC power connector, 6" (152 mm)	
Output	1 female IEC power connector, 6" (152 mm)	
NOTE: 1 male IEC to female Edison adapter is included.		
Voltage	100-240 VAC, 50-60 Hz	
Maximum AC load	10 A, TBD watts at 120 VAC 10 A, TBD watts at 220 VAC	
Current sense		
Range	0 A to 10 A	
GENERAL		
Power supply	Internal Input: 100-240 VAC, 50-60 Hz	
Enclosure dimensions	1.7" H x 4.3" W x 8.0" D (1U high, quarter rack wide) (43 mm H x 109 mm W x 203 mm D) (Depth excludes connectors.)	
Regulatory compliance		
Safety	CE, c-UL, UL	
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 PCS1	IP Link Pro Control Processor	60-1618-01
IPCP PRO PCS1	IP Link Pro Control Proc., LL UI Upgrade	60-1618-01A

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

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