

IPCP 305

IP Link® Control Processor

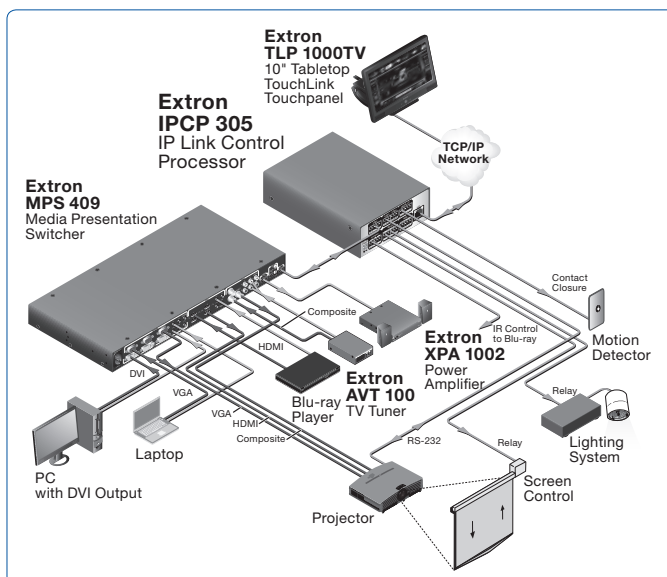


DESCRIPTION

The Extron **IPCP 305** is a compact IP Link® control processor designed to support configurable control systems. The IPCP 305 integrates IP connectivity into AV systems, giving users the ability to remotely control, monitor, and troubleshoot AV systems and equipment, including display devices and switchers. With a high performance embedded Web server, three bidirectional serial ports, two IR/serial ports, four relays, and four digital I/O ports, the IPCP 305 is ideal for a wide range of TouchLink applications.

FEATURES

- Ethernet monitoring and control
- Supports TouchLink™ Touchpanels
- Three bidirectional RS-232 ports for universal control of display devices, switchers, and other AV equipment
- Two IR/Serial ports for one-way control of external devices
- Four relays for controlling room functions
- Four Digital I/O ports for interfacing with other systems in the room
- Supports Ethernet-controllable devices
- Easy to configure using Global Configurator



SPECIFICATIONS

ETHERNET CONTROL INTERFACE	
Connectors	1 RJ-45 female connector
Data rate	10/100Base-T, half/full duplex with autodetect
Protocols	ARP, ICMP (ping), IP, TCP, UDP (port 3121, audio), DHCP, HTTP, SMTP, Telnet
Web server	Up to 200 simultaneous sessions 21.3 MB nonvolatile user memory
Program control	Extron Global Configurator for Windows® Extron Simple Instruction Set (SIS™) Microsoft® Internet Explorer®, Telnet
Global Viewer requirements	Microsoft® Internet Explorer ver. 6 or higher
SERIAL CONTROL INTERFACE	
Quantity/type	3 bidirectional RS-232
Baud rate and protocol	300 to 115200 baud (9600 baud = default); 8 (default) or 7 data bits; 1 (default) or 2 stop bits; no parity (default), or even or odd parity
DIGITAL I/O CONTROL INTERFACE	
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.
CONTROL - IR/SERIAL PORTS	
Quantity/type	2 programmable: unidirectional RS-232 (±5 V), or TTL level (0 to 5 V) infrared (carrier and non-carrier) up to 1 MHz
RELAY CONTROL INTERFACE	
Quantity/type	4 normally open relays
Relay control contact rating	24 VDC, 1 A
GENERAL	
Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Enclosure type	Metal
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.)
Product weight	0.7 lbs (0.3 kg)
Regulatory compliance	Safety: CE, c-UL, UL UL rated for use in plenum airspaces: meets UL 2043 for heat and smoke release, excluding the power supply; 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

For complete specifications, please go to www.extron.com

MODEL

VERSION DESCRIPTION

PART #

IPCP 305

IP Link Control Processor

60-1072-02