IPCP Pro 355DR

IP LINK PRO CONTROL PROCESSOR

▶ **Securely mounts to an industry-standard DIN rail, commonly used by third party automation equipment in racks and cabinets**

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

▶ **AV LAN port allows AV devices to be isolated from the corporate network**

▶ **Supports secure industry standard communications protocols**

▶ **Supports LinkLicense**

▶ **Supports popular BMS - Building Management System protocols, such as BACnet, KNX, and DALI**

▶ **DHCP server for AV LAN automatically distributes IP addresses and network configuration parameters for AV devices connected to the AV LAN port**

The IPCP Pro 355DR is a high-performance, DIN rail-mountable control processor designed for centralized AV control in midsize applications. It features advanced security standards and dual Gigabit Ethernet ports, which ensure compatibility with multiple TouchLink® Pro touchpanels using a standard network infrastructure. The IPCP Pro 355DR is an ideal choice for controlling multiple devices and signal types within AV systems requiring an isolated AV network while providing the flexibility of DIN rail mounting commonly found in automation applications.

Extron Electronics
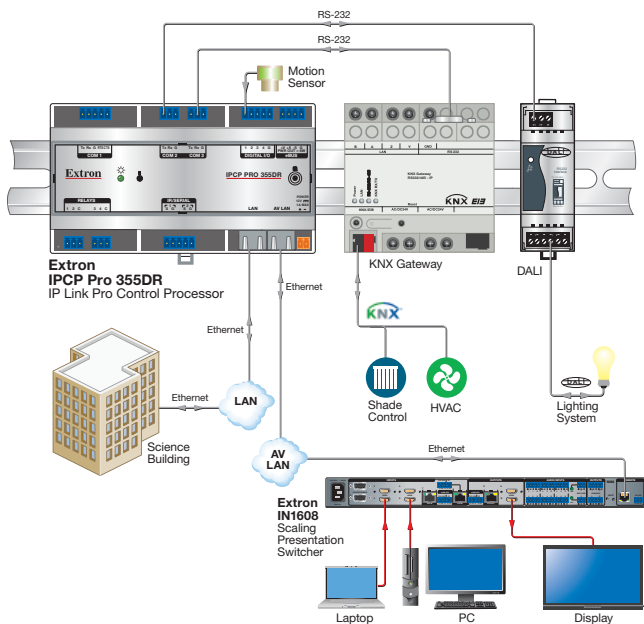### INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron **IPCP Pro 355DR** is a DIN rail-mountable control processor with dual Gigabit Ethernet ports, including a dedicated AV LAN port. This Pro Series control processor is an ideal choice for controlling multiple devices and control signal types within AV systems while providing DIN rail-mounting flexibility. The IPCP Pro 355DR features a DHCP server for the AV LAN that streamlines system setup and management. It supports Extron LinkLicense®, which further enhances the capabilities of Extron Pro Series control systems. The IPCP Pro 355DR can communicate with multiple TouchLink Pro touchpanels and eBUS button panels.

The IPCP Pro 355DR is configured using Extron Global Configurator® Plus and Professional software, or programmed using Global Scripter®. It is also compatible with GlobalViewer® Enterprise software for complete, centralized AV resource monitoring, management, and control over a computer network.

KEY FEATURES

▸ Securely mounts to an industry-standard DIN rail

▸ Dedicated, isolated AV LAN port for local AV devices

▸ Supports LinkLicense

▸ Supports popular BMS - Building Management System protocols, such as BACnet, KNX, and DALI

▸ DHCP server for AV LAN

APPLICATION DIAGRAM

Extron
IPCP Pro 355DR
IP Link Pro Control Processor

KNX Gateway

DALI

Shade Control

HVAC

Lighting System

LAN

Science Building

AV LAN

Extron
IN1608
Scaling Presentation Switcher

Laptop PC Display

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®, Extron Control for iPad and Web, TouchLink® Pro touchpanels, or eBUS® button panels

ETHERNET CONTROL	
Connectors	2 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, 4 pole
eBUS power output	6 watts

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.
Enclosure dimensions	3.6" H x 6.3" W x 2.3" D (90.2 mm H x 159.5 mm W x 57.5 mm D) (Height excludes bottom of mounting clip.)
Regulatory compliance	
Safety	CE, c-UL, UL Meets UL 60950-1 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

NOTE: All nominal levels are at ±10%.

Model	Version Description	Part number
IPCP Pro 355DR	IP Link Pro Control Processor, DIN Rail	60-1433-01
IPCP Pro 355DR	IP Link Pro Control Proc., DIN Rail, LL UI Upgrade	60-1433-01A

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

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