

PYNG-CONNECT-COM

COM Port Expander for PYNG-HUB

- > COM Port Expander for PYNG-HUB
- > Provides 1 RS-232 control port for bidirectional communication with a home's security panel
- > Allows users to check security system and arm or disarm the system from Crestron Pynɡ™ app
- > Communicates with PYNG-HUB via Ethernet
- > PoE network powered
- > Available rack mount option^[1]

The PYNG-CONNECT-COM is a COM port expander that allows a **PYNG-HUB** to interface with a home's security panel via RS-232. As a result, users can check the status of the security system and arm or disarm the system directly from the Pynɡ app.

The PYNG-CONNECT-COM includes one RS-232 COM port for connecting to the security panel and one Ethernet with PoE port for connecting to the PYNG-HUB. Its tiny, Crestron® IFE micro form-factor allows the PYNG-CONNECT-COM to be placed just about anywhere, with the option to attach it to a flat surface or DIN rail using the mounting bracket provided.

Power over Ethernet (PoE)

Using PoE technology, the PYNG-CONNECT-COM gets its operating power right through Ethernet wiring. PoE eliminates the need for a local power supply or any dedicated power wiring. Crestron offers the **PWE-4803RU** PoE Injector^[1], which simply connects in line with the Ethernet cable. Crestron offers Ethernet switches with built-in PoE (models **CEN-SW-POE-5** or **CEN-SWPOE-16**^[1]), affording a complete high-performance networking solution capable of powering multiple PoE powered devices.

Integrator Friendly Enclosure

The PYNG-CONNECT-COM features the Crestron IFE form factor, a compact "Integrator Friendly Enclosure" design that fits almost anywhere and enables a variety of installation options. Its shape allows multiple IFE compliant devices to be stacked together. Using the included mounting bracket, it can be fastened to any flat surface or snapped onto a standard DIN rail. A rack mount kit is also available^[1].

SPECIFICATIONS

Compatible Security Systems

Honeywell® Vista®

Residential: VISTA-15P, VISTA-15PSIA, VISTA-20P, VISTA-20PSIA (Firmware version 9.1 or higher required); VISTA-21iP, VISTA-21iPSIA (Firmware version 3.13 or higher required)

Commercial: VISTA-128BPT, VISTA-128BPTSIA, VISTA-32FBPT, VISTA-128FBPT, VISTA-250FBPT, FA1660CT (Works with all firmware versions); VISTA-250BPT (Firmware version 10.3 or higher required)



Communications

Ethernet: 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP, IEEE 802.3af and 802.3at Type 1 compliant

RS-232: For 2-way communication with security panel, supports RS-232 up to 115.2k baud with hardware and software handshaking

Power Requirements

Power over Ethernet: IEEE 802.3at Type 1 (802.3af compatible) Class 0 (12.95W) PoE Powered Device; Requires a PoE injector or PoE switch^[1]

Connectors

USB-OTG: (1) USB Type Mini-AB female; USB OTG port for diagnostics use

LAN PoE: (1) 8-wire RJ45 female; 10Base-T/100Base-TX Ethernet port, connects with PYNG-HUB; Power over Ethernet compliant

COM: (1) 5-pin 3.5mm detachable terminal block; Bidirectional RS-232 port, connects with security panel; Up to 115.2k baud; hardware and software handshaking support

G: (1) 4-40 screw, classic ground lug

Controls & Indicators

PWR: (1) Dual-color green/amber LED, indicates operating power supplied via PoE, turns amber while booting and green when operating

HW-R: (1) Recessed miniature pushbutton, initiates hardware reset

SW-R: (1) Recessed miniature pushbutton, initiates software reset

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 17 BTU/Hr

Construction

Enclosure: IFE small form factor, white and blue plastic

Mounting: Freestanding, stackable, surface mount, or 35 mm DIN EN

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60715 rail mount; occupies 8 DIN module spaces (144 mm); surface/DIN rail mounting bracket included, optional rack mount kit sold separately

Dimensions

Height: 1.35 in (35 mm); 1.77 in (45 mm) with bracket
Width: 5.04 in (128 mm); 5.36 in (137 mm) with bracket
Depth: 2.86 in (73 mm)

Weight

6.4 oz (180 g)

Standards & Certifications

UL Listed, CE

MODELS & ACCESSORIES

Available Models

PYNG-CONNECT-COM: COM Port Expander for PYNG-HUB

Available Accessories

PWE-4803RU: PoE Injector
CEN-SW-POE-5: 5-Port PoE Switch
CEN-SWPOE-16: 16-Port Managed PoE Switch
RMK-IFE-1U: IFE Rack Mount Kit

Notes:

1. Item(s) sold separately.

The PYNG-CONNECT-COM requires a [PYNG-HUB](#) (sold separately) for operation.

Crestron products may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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ABOVE: PYNG-CONNECT-COM, BACK VIEW