

3-Series™ Card Interface - 1 Slot

- > Accepts one 3-Series™ Control Card
- > Provides control port expansion for any 3-Series Control System®
- > Powerable via PoE or external power pack^[1]
- > Half-width, single-space rack-mountable



The Crestron® CEN-CI3-1 is a compact, rack-mountable enclosure designed to provide a versatile control interface and expansion solution using any single 3-Series™ Control Card. It is used to expand the control ports of a 3-Series Control System®. It can be installed with the control system at the central equipment cabinet, or located remotely near the device(s) under control. It interfaces with the control system via Ethernet and can be powered via PoE or a dedicated 24V power pack^[1].

The CEN-CI3-1 accepts one 3-Series control card (sold separately). Control cards are available to support bidirectional RS-232, 422, or 485; IR or 1-way serial; 0-10V analog inputs; digital logic inputs or outputs; and low-voltage relay outputs. The CEN-CI3-1 is designed to be placed on a shelf or rack-mounted using the optional [ST-RMK](#) rack mount kit.

SPECIFICATIONS

Communications

Ethernet: 10/100/1000 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP, IEEE 802.3af compliant

USB: For computer console

Connectors & Card Slots

Card Slot: (1) 3-Series™ control card expansion slot

LAN PoE: (1) 8-wire RJ45 jack;
10/100/1000Base-T Ethernet port;
802.3af Power over Ethernet compliant

24VDC 2A MAX: (1) 2.1mm barrel DC power jack;
24 Volt DC power input^[1]

G: (1) 6-32 screw, chassis ground lug

COMPUTER (front): (1) USB Type B female;
USB 2.0 computer console port (6 ft cable included);
For setup only

Controls & Indicators

PWR: (1) Green LED, indicates operating power supplied from power pack or PoE

SLOT: (1) Green LED, indicates a control card is inserted

RESET: (1) Recessed pushbutton for hardware reset

SETUP: (1) Recessed pushbutton with red LED for Ethernet auto-discovery

LAN (rear): (2) Bi-color LEDs, left LED indicates Ethernet connection speed, right LED indicates Ethernet activity

Power Requirements

Power Pack: 2 Amps @ 24 Volts DC^[1]

Power over Ethernet: IEEE 802.3af Class 0 PoE Powered Device

Note: May be powered by power pack or PoE, not both

Environmental

Temperature: 41° to 113°F (5° to 45°C)

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

Heat Dissipation: <1 BTU/Hr without cards using 24V power pack,
5 BTU/Hr without cards using PoE^[2]

Enclosure

Chassis: Metal, black finish, vented sides

Faceplate: Metal, black finish, polycarbonate label overlay

Mounting: Freestanding or half-width 1U 19-inch rack-mountable
(adhesive feet included, ST-RMK rack mount kit sold separately)

Dimensions

Height: 1.70 in (44 mm) without feet

Width: 7.07 in (180 mm)

Depth: 10.06 in (256 mm)

Weight

2.0 lb (0.91 kg) without card

CEN-CI3-1 3-Series™ Card Interface - 1 Slot



CEN-CI3-1 – Rear View with No Card Installed

MODELS & ACCESSORIES

Available Models

CEN-CI3-1: 3-Series™ Card Interface - 1 Slot

CEN-CI3-1-POE: 3-Series™ Card Interface - 1 Slot, w/PoE Injector

Included Accessories

PWE-4803RU: PoE Injector (Qty. 1 included with CEN-CI3-1-POE)

Available Accessories

C3COM-3: 3-Series™ Control Card - 3 COM Ports

C3IO-16: 3-Series™ Control Card - 16 Versiport I/O Ports

C3IR-8: 3-Series™ Control Card - 8 IR Ports Available

C3RY-8: 3-Series™ Control Card - 8 Relay Ports

C3RY-16: 3-Series™ Control Card - 16 Relay Ports

ST-RMK: Rack Mount Kit

PWE-4803RU: PoE Injector

CEN-SW-POE-5: 5-Port PoE Switch

CEN-SWPOE-16: 16-Port Managed PoE Switch

CEN-SWPOE-24: 24-Port Managed PoE Switch

PW-2420RU: Power Pack, Desktop, 24VDC, 2A (50 Watts), Regulated, US/
International

Notes:

1. PWE-4803RU PoE Injector sold separately or included with 3-Series Card Interface model CEN-CI3-1-POE. PW-2420RU 24V power pack sold separately.
2. See individual control card spec sheets for additional specifications.

This product 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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