

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 an external power pack^[2]
- > Single-space, half-width 19-inch rack-mountable^[1]
- > Under-table mountable^[1]



The Crestron® CEN-CI3-1 is a compact device 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®, and can be installed with the control system at the central equipment cabinet or located remotely near the device(s) under control. It can be rack-mounted, placed on a shelf, or attached under a table.^[1] It interfaces with the control system via Ethernet and can be powered via PoE or a dedicated 24V power pack.^[2]

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.^[3]

SPECIFICATIONS

Communications

Ethernet: 10/100/1000 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP, IEEE 802.3at Type 1 compliant
USB: For computer console

Connectors & Card Slots

Card Slot: (1) 3-Series® control card expansion slot
LAN PoE: (1) 8-pin RJ45, female;
 10Base-T/100Base-TX/1000Base-T Ethernet port;
 Power over Ethernet compliant
24VDC 2A MAX: (1) 2.1 x 5.5 mm DC power connector;
 24 Volt DC power input^[2]
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^[2]
Power over Ethernet: IEEE 802.3at Type 1 (802.3af compatible) Class 0 (12.95 W) PoE Powered Device

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^[3]

Enclosure

Chassis: Metal, black finish, vented sides
Front Panel: Metal, black finish, polycarbonate label overlay
Mounting: Freestanding, under-table mountable, or 1RU half-width 19-inch rack-mountable (adhesive feet included, under-table and rack mounting kits 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

UTK-1U-HALF: Under-Table Mounting Kit

PWE-4803RU: PoE Injector

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

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

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

Notes:

1. [ST-RMK](#) Rack Mount Kit and [UTK-1U-HALF](#) Under-Table Mounting Kit each sold separately.
2. 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.
3. 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.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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