

CEN-CI3-3

3-Series™ Card Interface - 3 Slot

quickstart guide

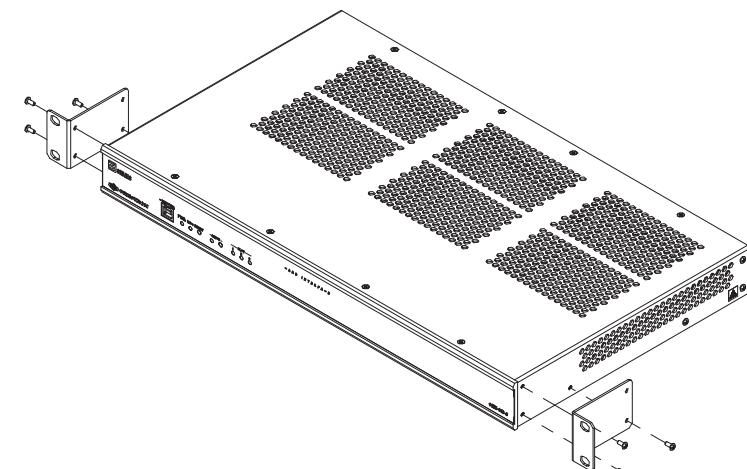
1 Install the CEN-CI3-3

The CEN-CI3-3 is designed to be placed on a shelf or rack mounted using the included rack ears.

To install the ears:

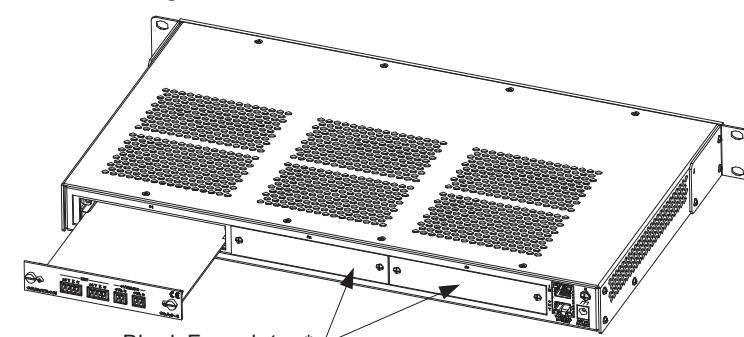
1. There are screws that secure each side of the CEN-CI3-3 top cover. Using a #1 or #2 Phillips screwdriver, remove the three screws closest to the front panel from one side of the unit. Refer to the illustration below for a detailed view.
2. Position a rack ear so that its mounting holes align with the holes vacated by the screws in step 1.
3. Secure the ear to the unit with three screws from step 1, as shown in the following illustration.

Ear Attachment for Rack Mounting



4. Repeat procedure (steps 1 through 3) to attach the remaining ear to the opposite side.

CEN-CI3-3 Plug-in Card Installation



Blank Faceplates*

* Remove blank faceplate to insert plug-in card.



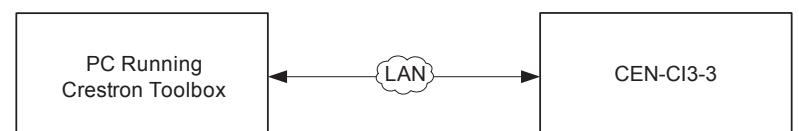
CAUTION: The CEN-CI3-3 should be used in a well ventilated area. The venting holes on the top and sides should not be obstructed under any circumstances.

2 Establish Communication

Use Crestron Toolbox™ for communicating with the CEN-CI3-3; refer to the Crestron Toolbox help file for details.

There is a single method of communication: TCP/IP communication.

Ethernet Communication



The CEN-CI3-3 connects to PC via Ethernet:

1. Enter the IP address, IP mask and default router of the card interface via Crestron Toolbox (**Functions | Ethernet Addressing**); otherwise enable DHCP.

NOTE: Use the Device Discovery Tool in Crestron Toolbox to detect all Ethernet devices on the network and their IP configuration. The tool is available in Toolbox version 1.1.5.143 or later.

2. Confirm Ethernet connection between card interface and PC. If connecting through a hub or router, use CAT5 straight through cables with 8-pin RJ-45 connectors. Alternatively, use a CAT5 crossover cable to connect the two LAN ports directly without using a hub or router (via static IP and a power injector, if no other power is supplied).

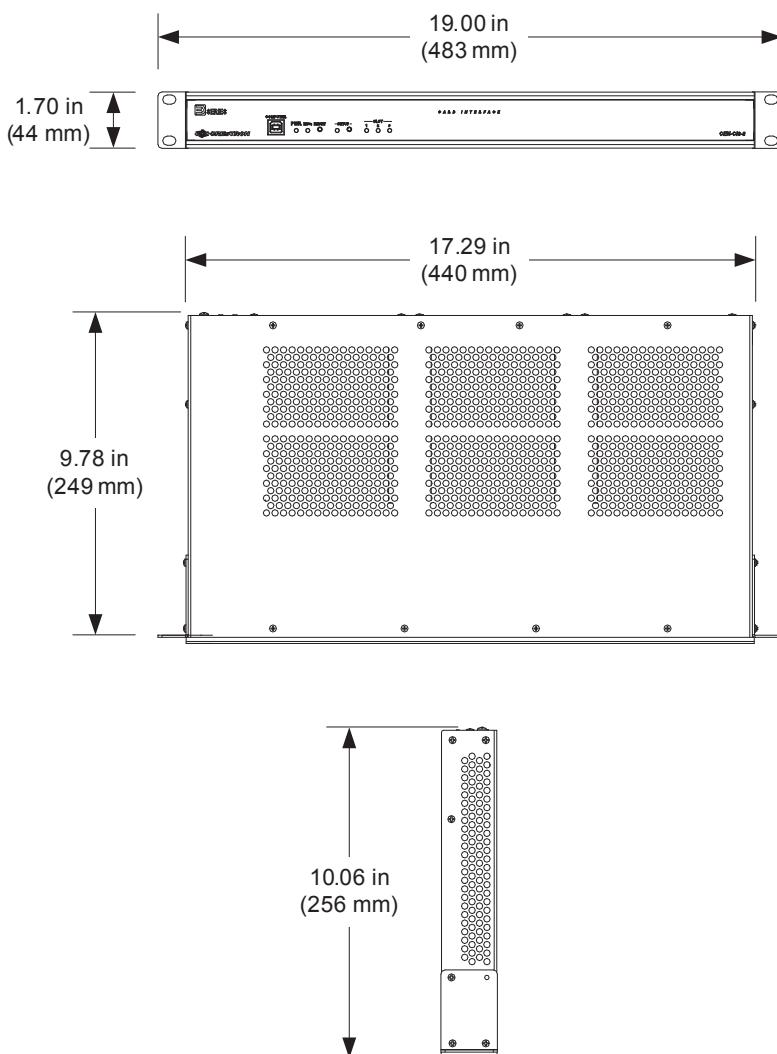
NOTE: Some PCs may not require a crossover cable. Check with PC manufacturer.

3. Use the Address Book in Crestron Toolbox to create an entry for the CEN-CI3-3 with the CEN-CI3-3's TCP/IP parameters.
4. Display the "System Info" window (click the **i** icon) and select the card interface entry.

NOTE: The **CONTROL SUBNET** ports work with LANs as well as with control subnet networks. The **CONTROL SUBNET OUT** port can be used for daisy chaining.

3 Dimensions

CEN-CI3-3 Overall Dimensions (Front, Top and Side Views)



4 Pinout Reference

In addition to its front panel COMPUTER port, the CEN-CI3-3 has two CONTROL SUBNET ports.

CONTROL SUBNET

Pinout Reference	
PIN	DESCRIPTION
1	BI_DA+
2	BI_DA-
3	BI_DB+
4	BI_DC+
5	BI_DC-
6	BI_DB-
7	BI_DD+
8	BI_DD-

5 Specifications**Communications**

Ethernet: 10/100/1000 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP
USB: For computer console

Ethernet Switch

Provides (1) rear panel uplink port, (3) internal ports for the card slots, and (1) rear panel port

Connectors & Card Slots

S1 – S3: (3) 3-Series™ control card expansion slots

CONTROL SUBNET IN: (1) 8-wire RJ-45 jack
10/100/1000BASE-T Ethernet uplink port

CONTROL SUBNET OUT: (1) 8-wire RJ-45 jack
10/100/1000BASE-T Ethernet port

24VDC 2A MAX: (1) 2.1 mm barrel DC power jack, 24 Volt DC power input, power pack included

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
MSG: (1) Red LED, indicates unit has generated an error message

RESET: (1) Recessed push button for hardware reset

SETUP: (1) Recessed push button with red LED for Ethernet auto-discovery
SLOT 1 – 3: (3) Green LEDs, indicate control cards are inserted in the corresponding slots

CONTROL SUBNET IN (rear): (2) Bi-color green/amber LEDs, left LED indicates Ethernet connection speed (off for 10 Mbps, green for 100 Mbps, amber for 1000 Mbps), right LED indicates Ethernet activity

CONTROL SUBNET OUT (rear): (2) Bi-color green/amber LEDs, left LED indicates Ethernet connection speed (off for 10 Mbps, green for 100 Mbps, amber for 1000 Mbps), right LED indicates Ethernet activity

Power Requirements

Power Pack: 2.0 Amps @ 24 Volts DC
100-240 Volts AC, 50/60 Hz power pack included

Environmental

Temperature: 41° to 113°F (5° to 45°C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 6 BTU/Hr without cards*

Enclosure

Chassis: Metal, black finish, vented top and sides
Faceplate: Metal, black finish, polycarbonate label overlay
Mounting: Freestanding or 1U 19-inch rack-mountable (adhesive feet and rack ears included)

Dimensions

Height: 1.70 in (44 mm) without feet
Width: 17.29 in (440 mm), 19.00 in (483 mm) with rack ears
Depth: 10.06 in (256 mm)

Weight

5.0 lb (2.3 kg) without cards



* Refer to individual control card Installation Guides for additional specifications. They are available from the Crestron® Web site (www.crestron.com/manuals).

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

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