CEN-IO-COM-102/CEN-IO-DIGIN-104/CEN-IO-IR-104/CEN-IO-RY-104
Wired Ethernet Modules

The Crestron® CEN-IO-COM-102, CEN-IO-DIGIN-104, CEN-IO-IR-104, and CEN-IO-RY-104 allow for easy expansion of I/O ports within a system. Distribute these wired Ethernet modules anywhere in the installation via an available LAN connection.

The CEN-IO-COM-102, CEN-IO-DIGIN-104, CEN-IO-IR-104, and CEN-IO-RY-104 share a similar installation procedure. For simplicity within this guide, the term CEN-IO is used except where noted.
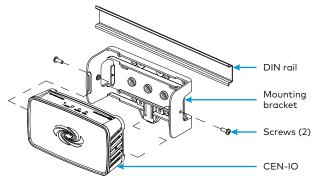
Check the Box

Item	Qty
CEN-IO-COM-102, CEN-IO-DIGIN-104, CEN-IO-IR-104, or CEN-IO-RY-104	1
Bracket, Mounting, Integrated DIN Rail Clip, Black (P/N 4519035)	1
Screw, 6-32 x 3/8", Pan Head, Phillips, Black (P/N 2007225)	2
CEN-IO-COM-102 Only	
Connector, 5-Pin (P/N 2003577)	2
CEN-IO-DIGIN-104 Only	
Connector, 5-Pin (P/N 2003577)	1
CEN-IO-IR-104 and CEN-IO-RY-104 Only	
Connector, 8-Pin (P/N 2003580)	1

Install the Device

The Crestron® wired Ethernet module can be mounted on a DIN rail, mounted to any flat surface, or placed onto a flat surface. If necessary, use screws that are suitable for the mounting surface with a minimum head size of 6.5 mm.
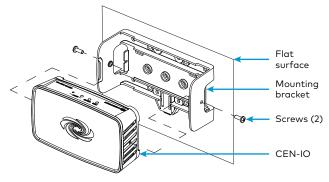
NOTE: The wired Ethernet module can also be rack mounted. For rack mount installation, refer to the RMK-IFE-1U Installation Guide (Doc. 7615) at www.crestron.com/manuals.

DIN Rail Mounting

DIN rail
Mounting bracket
Screws (2)
CEN-IO

NOTE: When mounting the device to a DIN rail, do not use the supplied screws to mount the bracket to the bottom of the wired Ethernet module. Removing the module from the DIN rail will not be possible.
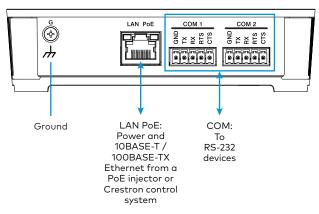
Flat Surface Mounting

Flat surface
Mounting bracket
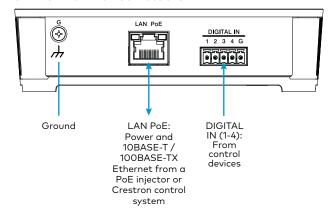Screws (2)
CEN-IO

Connect the Device

NOTE: Use PoE derived from a UL Listed source having LPS/Class 2 outputs.

Crestron provides four wired Ethernet modules. Each offers a different input/output connection. Modules are powered via Power over Ethernet (PoE). A ground screw is available, if needed.
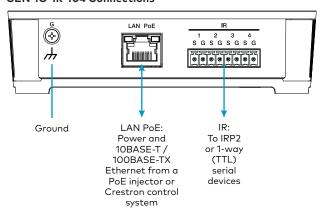
CEN-IO-COM-102 Connections

Ground

LAN PoE: Power and 10BASE-T / 100BASE-TX Ethernet from a PoE injector or Crestron control system

COM: To RS-232 devices

CEN-IO-DIGIN-104 Connections

Ground

LAN PoE: Power and 10BASE-T / 100BASE-TX Ethernet from a PoE injector or Crestron control system

DIGITAL IN (1-4): From control devices

CEN-IO-IR-104 Connections

Ground

LAN PoE: Power and 10BASE-T / 100BASE-TX Ethernet from a PoE injector or Crestron control system

IR: To IRP2 or 1-way (TTL) serial devices

CEN-IO-RY-104 Connections

Ground

LAN PoE: Power and 10BASE-T / 100BASE-TX Ethernet from a PoE injector or Crestron control system

RELAY (1-4): To controllable devices

⟫ Observe the LED Indicators

LED indicators appear on the front and rear panels.

LED Indicator	Color	Meaning
LAN PoE (dual color)	Amber	Ethernet activity
	Green	Ethernet link status
ONLINE	Green	Connection to a Crestron control system via Ethernet
PWR (dual color)	Amber	Power on, not ready
	Green	Ready to operate
SETUP (with recessed pushbutton)	Red	SETUP pushbutton is pressed, times out automatically*

* To set a different IP address for the module, use the Crestron Toolbox™ application.

⟫ Configure the Device

Configure device settings for the CEN-IO using the web configuration interface. To access the web configuration interface:

1. Connect the CEN-IO to a LAN.
2. Use the Device Discovery tool in Crestron Toolbox™ software to discover the device and its IP address on the network.
3. Open a text console window and use the console command (**SSL SELF**) to turn on SSL.
4. Reboot the device.
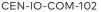5. Enter the device IP address into a web browser to access the first screen. By default, DHCP is enabled.

6. Log in to the web interface using a user name and password. The default user name and password are both *admin*.

For more information on configuring the device, refer to the CEN-IO Configuration Guide (Doc. 8419) at www.crestron.com/manuals.

⟫ Additional Information

Scan or click the QR code for detailed product information on the Crestron website.

CEN-IO-COM-102

CEN-IO-DIGIN-104

CEN-IO-IR-104

CEN-IO-RY-104

Compliance and Legal

This product is Listed to applicable UL® Standards and requirements tested by Underwriters Laboratories Inc.

Ce produit est homologué selon les normes et les exigences UL applicables par Underwriters Laboratories Inc.

As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.

PoE connection is for intra-building onnection only and will not be routed outside.
La connexion PoE concerne uniquement les connexions intra-bâtiment et ne sera pas acheminée vers l'extérieur.

Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:(1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the

manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada (IC) Compliance Statement

CAN ICES-3 (B)/NMB-3(B)

The product warranty can be found at www.crestron.com/warranty.

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

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

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