

CEN-SWPOE-24

24-Port Managed PoE Switch

- > Rack-mount 24-port managed 10/100 Ethernet switch
- > Full IEEE 802.3af Power over Ethernet (PoE) provided simultaneously across 24 ports
- > Dual Gigabit Ethernet uplink/stacking ports
- > All ports rear mounted for use in a typical AV equipment rack
- > Front panel management port for easy troubleshooting
- > Configured via simple-to-use Web browser interface
- > SNMP monitoring and management
- > Auto-discovery via Crestron Toolbox™
- > Layer 2 managed switching functionality
- > 8.8 Gbps switching fabric (non-blocking)
- > Auto-negotiation and auto MDI/MDIX capability
- > Port configuration settings for speed and duplex
- > Real-time clock supports synchronization with Internet-based time servers via NTP
- > Custom front panel labeling using Crestron Engraver software



The CEN-SWPOE-24 offers control system networking made easy, providing Crestron® guaranteed performance and reliability for a complete Ethernet network of touchpanels, keypads, control processors, and other devices in a mere 2-space rack mount package. Rear panel connectivity with front panel indicators and controls provides an ideal form factor for use in a typical 19" equipment rack. Full IEEE 802.3af Power over Ethernet (PoE) is furnished simultaneously across all 24 ports, providing a centralized power source for numerous PoE powered devices and eliminating the need for additional power supplies and wiring.

Dual Gigabit Ethernet uplink/stacking ports assures ample bandwidth for the 24 high-speed 10/100 Base-T ports. Its front panel management port enables mirroring of any rear port for easy monitoring and troubleshooting. Customizable front panel labeling makes it easy to designate each port with a friendly, descriptive name. Advanced configuration is enabled through an intuitive Web browser interface.

SPECIFICATIONS

Ethernet

Ports: (24) 10BaseT/100BaseTX auto-sensing Fast Ethernet w/PoE;
(2) 10/100/1000BaseT auto-sensing Gigabit Ethernet
Network Standards: IEEE 802.3, 802.3u, 802.3ab, 802.3af
Topology: Star
Transmission Method: Store-and-Forward
MAC Addresses: 8K addresses
Memory Buffer: 3 Mbits per device
Switch Fabric: 8.8 Gbps non-blocking

Controls & Indicators

ON/OFF: (1) rocker switch behind protective guard, turns main power on or off

PWR: (1) green LED, indicates operating power supplied via main power input and unit is turned on

MGMT PORT MIRROR: (1) recessed miniature pushbutton and (1) green LED to enable/disable port mirroring via management port (Port 1)

LINK/ACT 1 – 26: (26) green LEDs, indicate Ethernet link status and activity for each corresponding port

SPEED 1 – 24: (24) green LEDs, indicate 100Mbps connection speed for each corresponding LAN port

GIGABIT 25 – 26: (2) green LEDs, indicate 1000Mbps connection speed for each corresponding uplink port

POE 1 – 24: (24) green LEDs, indicate PoE is active and a PoE powered device is connected to each corresponding port

RESET: (1) recessed pushbutton for hardware reset

Connectors

MGMT/1 (front): (1) 8-wire RJ45, female;
10BaseT/100BaseTX Ethernet port and IEEE 802.3af Class 0 PoE Power Sourcing Equipment output

10/100 POWER OVER ETHERNET 2 – 24: (23) 8-wire RJ45, female;
10BaseT/100BaseTX Ethernet ports and IEEE 802.3af Class 0 PoE Power Sourcing Equipment outputs

GIGABIT UPLINK 25 – 26: (2) 8-wire RJ45, female;
10/100/1000BaseT Ethernet uplink/stacking ports

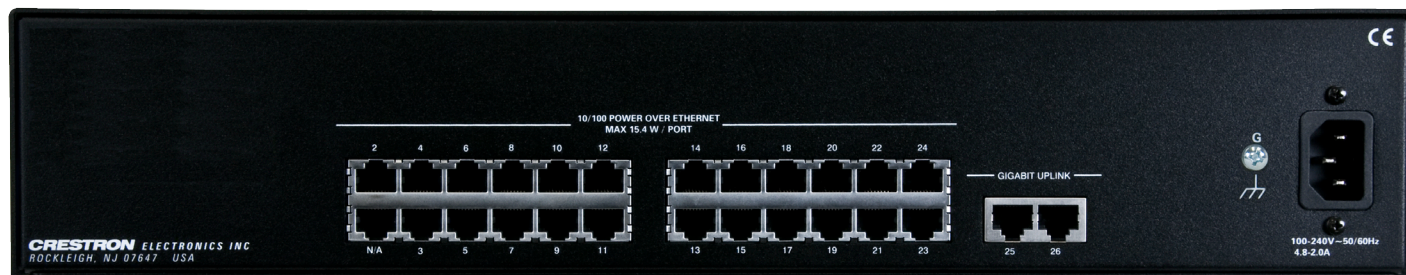
G: (1) 6-32 screw, chassis ground lug

100-240V~50/60Hz 4.8-2.0A: (1) IEC C14 male chassis plug;
Main power input;
Mates with removable power cord, included

Power Requirements

Main Power: 4.8-2.0 Amps @ 100-240 Volts AC, 50/60 Hz

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CEN-SWPOE-24 – Rear View

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 400 BTU/hour

Enclosure

Chassis: Metal, black finish, fan-cooled, vented sides
Faceplate: Aluminum, black finish with polycarbonate label overlay
Mounting: Freestanding or 2U 19-inch rack-mountable (adhesive feet and rack ears included)

Dimensions

Height: 3.56 in (90 mm);
3.47 in (89 mm) without feet
Width: 17.03 in (433 mm);
19.0 in (483 mm) with ears
Depth: 11.66 in (297 mm)

Weight

9.04 lb (4.1 kg)

MODELS & ACCESSORIES

Available Models

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

Notes:

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.

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