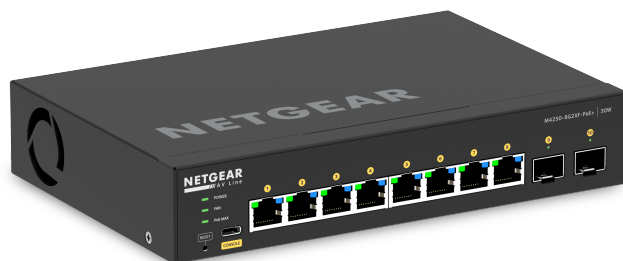


CEN-SWPOE-10

10 Port PoE+ Managed Switch



- Class-leading NETGEAR® AV network switch
- Small form factor with versatile mounting options
- 10 port managed switch
- Eight 1000Base-T Gigabit Ethernet ports
- Supports PoE+ (802.3at Type 2) on all Ethernet ports
- Provides up to 30 W per port, maximum 220 W combined output
- Two 10 Gigabit Base-X SFP+ ports
- Selectable DM NVX® AV-over-IP and DM NAX® Audio-over-IP profiles
- Layer 2 and Layer 3 managed switching functionality
- LLDP (Link Layer Discovery Protocol) support
- 56 Gbps switching fabric (non-blocking)
- Simple-to-use Web browser interface

Class-leading NETGEAR® AV network switches are designed to make integration with Crestron AV-over-IP products as simple as possible. The CEN-SWPOE-10 is a 10 port managed Ethernet switch that provides PoE+ from eight of its ports. The two 10 Gigabit Base-X SFP+ ports enable use of transceiver modules to connect to a fiber network.

DM NVX and DM NAX AV-over-IP Profiles

When configuring a DM NVX AV-over-IP or DM NAX Audio-over-IP network, select the appropriate profile to automatically configure the CEN-SWPOE-10 with the multicast management functionality required.

Web Browser Interface

Using a streamlined interface, quickly configure individual ports or assign AV profiles for use with DM NVX or DM NAX systems. An advanced command line interface is also available.

Two SFP+ Ports

All SFP+ ports offer 10 Gigabit Base-X connections with support for both multimode and single-mode fiber transceiver modules, such as the [SFP-10G-SR](#).

Power Over Ethernet+

PoE+ is supplied on 8 ports, offering a centralized power source for multiple devices while eliminating extra wiring and bulky power supplies. Up to 30 W is provided per port with a combined maximum output of 220 W.

Specifications

Ethernet

| | |
|-------------------|---|
| Ports | (8) 10/100/1000Base-T auto-sensing Gigabit Ethernet w/PoE+; (2) 10 Gigabit Base-X SFP+ |
| Network Standards | IEEE 802.3af, 802.3at |
| MAC Addresses | Up to 16K |
| Switch Fabric | 56 Gbps non-blocking |

Lite Layer 3 Package

| | |
|------------------------------------|--|
| Management | Out-of-band; IT Web GUI (main); HTTPs, CLI, Telnet, SSH; SNMP, MIBs, RSPAN; Radius users, TACACS+ |
| IPv4/IPv6 ACL and QoS | Ingress/egress; 1 Kbps shaping, time-based; Single rate policing |
| IPv4/IPv6 Multicast Filtering | Automated IGMP between switches; IGMPv3 MLDv2 snooping, proxy ASM and SSM; IGMPv1, v2 querier (compatible with v3); Control packet flooding |
| IPv4/IPv6 Policing and Convergence | Auto-VoIP; Policy-based routing; LLDP-MED; IEEE 1588 PTPv2 |
| IPv4/IPv6 Authentication Security | Successive tiering (DOT1X, MAB, Captive portal); DHCP snooping; Dynamic ARP inspection; IP source guard |
| IPv4/IPv6 Static Routing | Port, subnet, VLAN routing; Multicast static routes; DHCPv4 server; DHCP relay; Stateful DHCPv6 Server |
| IPv4/IPv6 Dynamic Routing | IPv4: RIP; IPv4/IPv6: PIM-SM, PIM-DM, SSM |
| Spanning Tree Green Ethernet | STP, MTP, RSTP; PV(R)STP; BPDU/STRG; EEE 802.3az |

CEN-SWPOE-10

10 Port PoE+ Managed Switch

| | |
|-------|--|
| VLANs | Static, dynamic, voice, MAC; GVRP/GMRP; Double VLAN mode; Private VLANs |
|-------|--|

Indicators

| | |
|---------|--|
| POWER | (1) green LED, indicates operating power supplied via main power input |
| FAN | (1) green LED, indicates fan is in operation |
| PoE MAX | (1) green LED, indicates the unit is supplying the maximum amount of PoE |
| OOB | (2) green LEDs for Ethernet port, indicates Ethernet link status for out-of-band (service) port |
| 1-8 | (2) LEDs per each (8) Ethernet port, left (green) LEDs indicate Ethernet link status for each corresponding port, right (blue) LEDs indicate PoE for each corresponding port |
| 9-10 | (1) green LED per SFP+ port, indicates active connection |

Connectors

| | |
|-------------|---|
| OOB | (1) 8-wire RJ45, female; 100/1000Base-T Ethernet port |
| CONSOLE | USB-C® port, female |
| USB Storage | USB Type A, female |
| 54V - 4.7A | (1) power connector |
| 1-8 | (8) 8-wire RJ45, female; 10/100/1000Base-T Ethernet ports and PoE Power Sourcing Equipment (PSE) outputs; Supports IEEE 802.3at Type 2 PoE+ power sourcing from any ports up to the maximum specified power capabilities; Maximum 30 W per port, 220 W total |
| 9-10 | (2) SFP+ ports, female; 10 Gigabit Base-X SFP+ |

Power Requirements

| | |
|-------------------|---|
| Main Power | 4.7A @ 100–240VAC, 50/60 Hz |
| Power Consumption | Max PoE: 257.7 W; Full Mesh Traffic, No PoE: 18.14 W; Standby: 9.51 W |

Environmental

| | |
|----------------|--------------------------------|
| Temperature | 32° to 113° F (0° to 45° C) |
| Humidity | 10% to 90% RH (non-condensing) |
| Acoustic Noise | 3 dBA at 77° F (25° C) |

Construction

| | |
|----------|---|
| Chassis | Metal, black finish, fan-cooled, vented sides |
| Mounting | Freestanding, or mountable on a flat surface |

Dimensions

| | |
|--------|-------------------|
| Height | 1.57 in. (40 mm) |
| Width | 8.26 in. (210 mm) |
| Depth | 5.51 in. (140 mm) |

Weight

2.13 lb (967 g)

Model

CEN-SWPOE-10
10 Port PoE+ Managed Switch

Available Accessories

For a list of available accessories, visit the [CEN-SWPOE-10](#) product page.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

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

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