

CEN-SWSFP-28

28 Port Managed Switch with Redundant Power Supply Slot



- Class-leading NETGEAR® AV network switch
- Rack-mount 28 port managed switch
- One slot for modular power supply unit (sold separately)
- Twenty-four 10 Gigabit Base-X SFP+ ports
- Four 25 Gigabit Base-X SFP28 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
- 680 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-SWSFP-28 is a 28 port managed Ethernet switch with 24 10 Gigabit Base-X SFP+ ports and four 25 Gigabit Base-X SFP28 ports. All of the SFP ports enable use of transceiver modules to connect to a multimode or single-mode 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-SWSFP-28 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.

Modular Power Supply Slot

The CEN-SWSFP-28 features a modular power supply slot compatible with the [CEN-SWSFP-PWS350](#) for power redundancy.

Specifications

Ethernet

Ports (24) 10 Gigabit Base-X SFP+;
(4) 25 Gigabit Base-X SFP28

Network Standards	IEEE 802.3af, 802.3at
MAC Addresses	Up to 16K
Switch Fabric	680 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
VLANs	Static, dynamic, voice, MAC; GVRP/GMRP; Double VLAN mode; Private VLANs

Controls & Indicators

POWER	(1) green LED, indicates operating power supplied via main power input
FAN	(1) green LED, indicates fan is in operation
OOB	(2) green LEDs for Ethernet port, indicates Ethernet link status for out-of-band (service) port

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STACK MASTER	(1) green LED, indicates that the unit is operating as stack master for its switch stack
STACK ID	(1) Seven-segment green LED digit, indicates the number of the switch in its switch stack
1-28	(1) green LED per SFP+ or SFP28 port, indicates active connection
On/Off	(1) Rocker switch, turns main power on or off
RESET	(1) Recessed push button; Used for reboot or factory reset

Connectors

OOB	(1) 8-wire RJ45, female; 10/100/1000Base-T Ethernet port
USB-C	USB-C® port, female
100-240V	(1) power connector
PSU	(1) Modular power supply slot for CEN-SWSFP-PWS350 (sold separately)
USB 3.0	(2) USB Type A connectors, female
1-24	(24) SFP+ ports, female; 10 Gigabit Base-X SFP+
25-28	(4) SFP28 ports, female; 25 Gigabit Base-X SFP28

Power Requirements

Main Power	6.3A @ 100-240VAC, 50/60 Hz
Power Consumption	Full Mesh Traffic: 119.3 W; Standby: 45.2 W

Environmental

Temperature	32° to 122° F (0° to 50° C)
Humidity	10% to 90% RH (non-condensing)
Acoustic Noise	Quiet Mode: 34 dBA at 77° F (25° C); Cool Mode: 62 dBA at 77° F (25° C)

Construction

Chassis	Metal, black finish, fan-cooled, vented sides
Mounting	Freestanding or 1U 19-inch rack-mountable with reversible rack ears

Dimensions

Height	1.7 in. (43.2 mm)
Width	17.32 in. (440 mm)
Depth	15.74 in. (400 mm)

Weight

13.78 lb (6.25 kg)

Model

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Available Accessories

For a list of available accessories, visit the [CEN-SWSFP-28](#) 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.

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

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Rev 10/15/25