

Overview

Dimensions	442.4 x 44 x 496 mm (17.4 x 1.7 x 19.5")
Port Layout	
1 GbE RJ45	1 (1G/100M/10M)
2.5 GbE RJ45	8 (All PoE+++) (2.5G/1G/100M/10M)
10 GbE RJ45	16 (All PoE+++) (10G/5G/2.5G/1G/100M/10M)
25G SFP28	4 (25G/10G/1G)
100G QSFP28	2 (100G)
Console	1
Max. PoE Output	Up to PoE+++ 100-240V AC Shared Mode: 1,050W with (2) 600W modules 100-240V AC Redundant Mode: 450W with (2) 600W modules
Total PoE Availability	200-240V AC Shared Mode: 2,250W with (2) 1,200W modules 100-120V AC Shared Mode: 1,850W with (2) 1,200W modules 200-240V AC Redundant Mode: 1,050W with (2) 1,200W modules 100-120V AC Redundant Mode: 850W with (2) 1,200W modules
Redundancy	Switch Stacking (2) Hot-Swappable PSUs (4) Hot-Swappable Fans
Layer 3	✓
Form Factor	Rack Mount (1U, Full-Depth)
Etherlighting™	✓

Performance

Switching Capacity	460 Gbps
Total Non-Blocking Throughput	230 Gbps
Forwarding Rate	342 Mpps
Supported VLANs	1,000
MAC Address Table Size	128,000
L3 Table Size	
ARP Entries	128,000
IPv4 Routes	256,000
Packet Buffer Size	8 MB
Access Lists	
IPv4	256
MAC	256

Layer 3 Features

DHCP Server (Local Networks)	✓
DHCP Relay	✓
Inter-VLAN Routing (Local Networks)	✓
Static Routing (Local Networks)	✓

Layer 2 Features

LACP Port Aggregation	✓
STP & RSTP	✓
QoS (DSCP)	✓
Pro AV Profiles (Play, Dante, Q-SYS, NDI, SDVoE, Shure, AES67, Crestron)	✓
Advanced IGMP Configuration (Querier, Fast Leave, Router Port)	✓
IGMP Snooping	✓

802.1X Control	✓
MAC-Based ACLs & Device Isolation	✓
DHCP Snooping & Guarding	✓
Egress Rate Limit	✓
Flow Control	✓
Storm Control	✓
Multicast & Broadcast Rate Limiting	✓
MAC Address Blocking	✓
IP-Based ACLs & Network Isolation	✓
MAC-Based Port Restriction	✓
Port Isolation	✓
Port Mirroring	✓
Jumbo Frames	✓
LLDP-MED	✓
Voice VLAN	✓
Loop Protection	✓

Hardware

PoE Ports

PoE+++	24
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Max. PoE Wattage per Port by PSE

PoE	15.4W
PoE+	30W
PoE++	60W
PoE+++	90W

Max. Power Consumption	150W (Excluding PoE Output) 2,400W (Including PoE Output)
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Power Method	(2) Universal input, 100—240V AC, 50/60 Hz
Power Input Method	(2) AC input, Hot-swappable power modules
Power Supply	(2) Hot-swappable AC/DC 600W power modules
Supported Voltage Range	100—240V AC
Management	Ethernet OOB Management port Serial Console AR
Heat Dissipation	512 BTU/hr (Excluding PoE Output)
Weight	Without mounting brackets: 9.2 kg (20.3 lb) With mounting brackets: 9.3 kg (20.5 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Supported Rack Depth	482.6 mm (19") four-post racks Posts depths ranging from 650 to 1,000 mm (25.6—39.4")
LCM Display	1.3" touchscreen
Fan Method	(4) Hot-swappable fan modules
ESD Protection	Air: $\pm 12\text{kV}$, contact: $\pm 12\text{kV}$
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
Etherlighting™	
Ethernet	✓
SFP28	✓
LEDs	
Ethernet	✓
SFP28	✓
System	✓
NDAA Compliant	✓

Certifications

CE, FCC, IC