





Overview

Dimensions	442 x 325 x 44 mm (17.4 x 12.8 x 1.7")
Port Layout	
1 GbE RJ45	16 (8 PoE+; 8 PoE++)
2.5 GbE RJ45	8 (All PoE++)
10G SFP+	2
Max. PoE Output	Up to PoE++
Total PoE Availability	400W
Redundancy	DC Power Backup
Layer 3	✓
Form Factor	Rack mount (1U)

Etherlighting™	✓

Performance

Switching Capacity	112 Gbps
Total Non-Blocking Throughput	56 Gbps
Forwarding Rate	83 Mpps
Supported VLANs	1,000
MAC Address Table Size	16,000
L3 Table Size	
ARP Entries	6,000
IPv4 Routes	512
Packet Buffer Size	1.5 MB

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+	8
PoE++	16
Max. PoE Wattage per Port by PSE	
PoE	15.4W
PoE+	32W
PoE++	64W
Max. Power Consumption	50W (Excluding PoE Output) 450W (Including PoE Output)
Power Method	(1) Universal input, 100—240V AC, 50/60 Hz (1) USP RPS DC input
Power Input Method	AC input
Power Supply	AC/DC, internal, 550W

Supported Voltage Range	100—240V AC
Management	Ethernet AR
Heat Dissipation (Excluding PoE Output)	170.6 BTU/hr
Weight	Without mounting brackets: 5.1 kg (11.3 lb) With mounting brackets: 5.2 kg (11.5 lb)
Enclosure Material	SGCC steel
LCM Display	1.3" touchscreen
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
Certifications	CE, FCC, IC
Etherlighting™	
Ethernet	✓
SFP+	✓

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