

Technical Specifications

Overview

Dimensions	442 x 480 x 44 mm (17.4 x 18.9 x 1.7")
Port Layout	
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	2 (25G/10G/1G)
Max. PoE Output	Up to PoE+++
Total PoE Availability	720W
Redundancy	DC Power Backup
Layer 3	Yes
Form Factor	Rack mount (1U)
Etherlighting™	Yes

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)	Yes
DHCP Relay	Yes
Inter-VLAN Routing (Local Networks)	Yes
Static Routing (Local Networks)	Yes

Layer 2 Features

LACP Port Aggregation	Yes
STP & RSTP	Yes
QoS (DSCP)	Yes
Pro AV Profiles (Play, Dante, Q-SYS, NDI, SDVoE, Shure, AES67, Crestron)	Yes
Advanced IGMP Configuration (Querier, Fast Leave, Router Port)	Yes
IGMP Snooping	Yes
802.1X Control	Yes
MAC-Based ACLs & Device Isolation	Yes
DHCP Snooping & Guarding	Yes
Egress Rate Limit	Yes
Flow Control	Yes
Storm Control	Yes
Multicast & Broadcast Rate Limiting	Yes
MAC Address Blocking	Yes
IP-Based ACLs & Network Isolation	Yes
MAC-Based Port Restriction	Yes
Port Isolation	Yes
Port Mirroring	Yes
Jumbo Frames	Yes
LLDP-MED	Yes
Voice VLAN	Yes
Loop Protection	Yes

Hardware

PoE Ports	
PoE+++	24

Max. PoE Wattage per Port by PSE

PoE	15.4W
PoE+	30W
PoE++	60W
PoE+++	90W
Max. Power Consumption	150W (Excluding PoE Output) 870W (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, 870W
Supported Voltage Range	100—240V AC
Management	Ethernet AR
Weight	Without mounting brackets: 7.9 kg (17.4 lb) With mounting brackets: 8 kg (17.6 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Supported Rack Depth	482.6 mm (19") four-post racks Posts depths ranging from 600 to 1,066 mm (23.6-42")
LCM Display	1.3" touchscreen
ESD Protection	Air: ± 30kV, contact: ± 20kV
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
Etherlighting™	
Ethernet	Yes
SFP28	Yes
LEDs	
RPS	Yes
NDAA Compliant	Yes
Certifications	CE, FCC, IC, Anatel

Software

Application Requirements

UniFi Network	Version 9.1.120 and later
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