Pro Max 24 PoE

USW-Pro-Max-24-PoE

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++) (1G/100M/10M)
2.5 GbE RJ45	8 (All PoE++) (2.5G/1G/100M/10M)
10G SFP+	2 (10G/1G)
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 Static Routes	256
Packet Buffer Size	1.5 MB
Access Lists	
IPv4	128
MAC	128

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	✓
Virtual Network Override	✓

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	119 BTU/hr (Excluding PoE Output)
Weight	Without mounting brackets: 5.1 kg (11.3 lb) With mounting brackets: 5.2 kg (11.5 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Supported Rack Depth	400~1200 mm (15.7-47.2")
LCM Display	1.3" touchscreen
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
Etherlighting™	
Ethernet	✓
SFP+	✓
NDAA Compliant	✓
Certifications	CE, FCC, IC, Anatel: 06374-24-08356

Software

Application Requirements	
UniFi Network	Version 8.0.24 and later