

Product:

USW-Pro-HD-24

Overview

Dimensions	442 x 285 x 44 mm (17.4 x 11.2 x 1.7")
Redundancy	DC Power Backup
Layer 3	✓
Form Factor	Rack mount (1U)
Etherlighting™	✓
Port Layout	
2.5 GbE RJ45	22 (2.5G/1G/100M/10M)
10 GbE RJ45	2 (10G/5G/2.5G/1G/100M)
10G SFP+	4 (10G/1G)

Performance

Switching Capacity	230 Gbps
Total Non-Blocking Throughput	115 Gbps
Forwarding Rate	171.12 Mpps
Supported VLANs	1,000
MAC Address Table Size	32,000
Packet Buffer Size	2 MB

L3 Table Size

ARP Entries	12,000
IPv4 Routes	12,000

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

Max. Power Consumption	60W
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, 60W
Supported Voltage Range	100–240V AC
Management	Ethernet AR
Heat Dissipation (Excluding PoE Output)	102.36 BTU/hr
Weight	Without mounting brackets: 4.2 kg (9.2 lb) With mounting brackets: 4.3 kg (9.4 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
NDA Compliant	✓
Etherlighting™	
Ethernet	✓
SFP+	✓

Software

Application Requirements

UniFi Network	Version 9.0.114 and later
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Datasheet

1.3" touchscreen
with AR switch management

(22) Multi-speed 2.5 GbE ports
(2.5G/1G/100M/10M)

(2) Multi-speed 10 GbE ports
(10G/5G/2.5G/1G/100M)

(4) 10G SFP+
ports



Reset button

DC power backup*

Layer 3 switching features



Power input

Safety latch

*Require UniFi Power Backup.





Datasheet

(24) Etherlighting™ ports that illuminate to indicate port location, speed/link, and native VLAN/network**



**Pair with UniFi Etherlighting Patch Cables for optimal brightness.

Enterprise Gateway



Pro HD 24



Enterprise Aggregation



Pro HD 24