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# Pro HD 24 PoE

## USW-Pro-HD-24-PoE

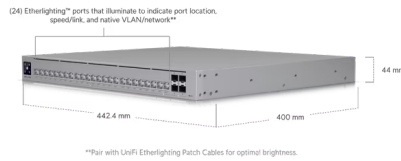
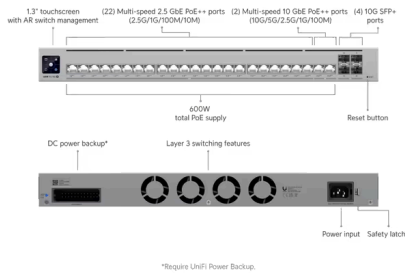
Datasheet

In The Box

Marketing Images

Accessories

Installation Guide



### Overview

#### Dimensions

442 x 400 x 44 mm  
(17.4 x 15.7 x 1.7")

#### Port Layout

2.5 GbE RJ45

22 (All PoE++)  
(2.5G/1G/100M/10M)

10 GbE RJ45

2 (All PoE++)  
(10G/5G/2.5G/1G/100M)

10G SFP+

4  
(10G/1G)

Max. PoE Output

Up to PoE++

Total PoE Availability

600W

Redundancy

DC Power Backup ⓘ

Layer 3	✓
Form Factor	Rack mount (1U)
Etherlighting™	✓
^ <b>Performance</b>	
Switching Capacity	230 Gbps
Total Non-Blocking Throughput	115 Gbps
Forwarding Rate	171 Mpps
Supported VLANs	1,000
MAC Address Table Size	32,000
IPv4 Static Routes	256
Packet Buffer Size	2 MB
Access Lists	
IPv4	128
MAC	128
^ <b>Layer 3 Features</b>	
DHCP Server (Local Networks)	✓
DHCP Relay	✓
Inter-VLAN Routing (Local Networks)	✓
Static Routing (Local Networks)	✓
^ <b>Layer 2 Features</b>	
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++ 24

### Max. PoE Wattage per Port by PSE

PoE 15.4W

PoE+ 30W

PoE++ 64W

Max. Power Consumption 60W (Excluding PoE Output)  
660W (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, 660W


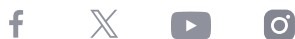
Supported Voltage Range	100-240V AC
Management	Ethernet AR
Weight	Without mounting brackets: 6.2 kg (13.7 lb) With mounting brackets: 6.3 kg (13.9 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Supported Rack Depth	600 - 1,200 mm (23.6- 47.2" )
LCM Display	1.3" touchscreen
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
Etherlighting™	
Ethernet	✓
SFP+	✓
NDA Compliant	✓
Certifications	CE, FCC, IC, Anatel: 03853-25-08356

^ **Software**

Application Requirements

UniFi Network	Version 9.0.114 and later
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