

## USW-Pro-24-Poe DATASHEET

### Overview

The UniFi Pro 24 PoE is a professional-grade, rack-mount switch featuring 24 gigabit RJ45 ports with 16 PoE+ and 8 high-power PoE++ ports, complemented by 2 10G SFP+ uplink ports. It delivers a high switching capacity of 88 Gbps and a forwarding rate of 65 million packets per second. The switch supports advanced Layer 3 features, 1,000 VLANs, and comprehensive security and QoS controls. Powered by an internal 450W AC/DC supply and supporting up to 400W total PoE output, it includes a touchscreen management interface and optional DC power backup for enhanced reliability. Its robust design is suited for enterprise and multimedia deployments requiring scalable, efficient, and reliable networking.

### QUICK SPEC

FIGURE 1: APPEARANCE OF USW-Pro-24-Poe



TABLE 1: QUICK SPECS OF USW-Pro-24-Poe

SKU	USW-Pro-24-Poe
Description	The USW-Pro-24-PoE is managed Layer 2/3 switch
Switching Capacity	88 Gbps
Dimensions	442.4 x 285.4 x 43.7 mm (17.42 x 11.24 x 1.72")

## Product Details

FIGURE 2: FRONT PANEL OF USW-Pro-24-Poe



FIGURE 3: BACK PANEL OF USW-Pro-24-Poe



USW-Pro-24-Poe provides these features

### 1.24 Gigabit RJ45 Ports with PoE+ and PoE++

16 ports deliver PoE+ (up to 32W per port) and 8 ports support high-power PoE++ (up to 64W per port), enabling power delivery to a broad range of network devices like cameras, phones, and access points.

### 2.2 x 10G SFP+ Uplink Ports

It provide high-speed fiber connectivity for uplinks or aggregation, supporting network scalability and increased bandwidth.

### 3.Layer 3 Switching

It supports advanced networking features such as inter-VLAN routing, static routing, and DHCP server functionality for enhanced network segmentation and traffic management (Layer 3 features to be enabled in future software updates).

### 4.High Switching Capacity and Forwarding Rate

It has 88 Gbps switching capacity and 65 million packets per second forwarding rate, it can handle heavy traffic loads efficiently.

### 5.400W Total PoE Budget

It supports powering multiple connected devices simultaneously with a 400-watt power budget.

### 6.Near-Silent Cooling

This switch includes efficient airflow design and low-noise fans for quiet operation suitable for office environments.

### 7.1.3" Touchscreen LCD

It provides an intuitive local interface for easy monitoring, status checking, and management.

### 8.DC Power Backup Ready

It allows a redundant power source to increase reliability and uptime in critical network deployments.

### 9.Robust Security and Management

It features such as ESD protection, VLAN support for up to 1,000 VLANs, QoS, IPv4 access lists, and other network protective measures.

## SPECIFICATION

Dimensions	442.4 x 285.4 x 43.7 mm (17.42 x 11.24 x 1.72")
Weight	3.50 kg (7.72 lb) 3.59 kg (7.92 lb) with brackets
Interfaces Networking	(24) 10/100/1000 RJ45 Ports (2) 1/10G SFP+ Ethernet Ports
Total Non-Blocking Throughput	44 Gbps
Switching Capacity	88 Gbps
Forwarding Rate	65.472 Mpps
Power Method	
Universal Input	100-240VAC, 50/60 Hz
USP RPS DC Input	11.5VDC, 2.61A
Power Supply	AC/DC, Internal, 36W
Voltage Range	100 to 240VAC
Max Power Consumption	30W
LEDs	

RJ45 Data Ports	Speed/Link/Activity
SFP+ Data Ports	Link/Activity
ESD/EMP Protection	Air: ± 16 kV, Contact: ± 12 kV
Shock and Vibration	ETSI300-019-1.4 Standard
Operating Temperature	-5 to 45° C (23 to 113° F)
Operating Humidity	10 - 90% Noncondensing
Certifications	CE, FCC, IC

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