

Ubiquiti UniFi Switch Enterprise 8 PoE (EU) Datasheet

Overview

The Ubiquiti UniFi USW-Enterprise-8-PoE-EU is a compact, desktop-friendly Layer 3 switch built for small and medium businesses that need Multi-Gig PoE+ in a tidy footprint. It provides 8 auto-sensing 802.3at PoE+ ports running at 2.5GbE, 1GbE, or 100M, backed by a 120W total PoE power budget for access points, cameras, and IP phones.

Two 10G SFP+ ports deliver fast fiber or DAC uplinks to a core switch or router, while an 80 Gbps switching fabric and 40 Gbps of non-blocking throughput keep traffic moving. A 1.3" front-mounted touchscreen shows live port and system status at a glance, and full Layer 3 features — inter-VLAN routing, static routing, and a local DHCP server — let it anchor a self-contained network. This EU variant ships with a Type C/E/F-compatible AC power configuration for European installations.

QUICK SPEC

Figure 1: APPEARANCE OF USW-ENTERPRISE-8-POE-EU



TABLE 1: Quick Specs

SKU	USW-Enterprise-8-PoE-EU
Switching Capacity	80 Gbps
Forwarding Rate	60 Mpps, maximum
Ports	8 x 2.5 GbE RJ45 PoE+ ports, 2 x 10G SFP+ ports
Total PoE Availability	120 W
Dimensions (W x H x D)	20.0 x 4.4 x 24.8 cm

Product Details

FIGURE 2: FRONT PANEL OF USW-ENTERPRISE-8-POE-EU



FIGURE 3: BACK PANEL OF USW-ENTERPRISE-8-POE-EU



Ubiquiti UniFi USW-Enterprise-8-PoE-EU provides these features:

1. Multi-Gig PoE+ Ethernet Ports

The switch offers 8 auto-sensing 802.3at PoE+ ports operating at 2.5GbE, 1GbE, or 100M, with up to 32W available per port and a 120W total PoE power budget. This delivers data and power over a single cable to WiFi 6/6E access points, cameras, and IP phones without extra adapters.

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2. 10G SFP+ Uplink Ports

Two dedicated 10G SFP+ ports provide fast, flexible fiber or DAC uplinks to a core switch, router, server, or NAS, giving the switch plenty of backhaul capacity as the network grows.

3. True Layer 3 Switching

As a configurable Layer 3 switch, the USW-Enterprise-8-PoE-EU supports inter-VLAN routing, static routing, and a local DHCP server, letting it handle routing between VLANs without relying on an external router.

4. 1.3" Touchscreen Display

A built-in LCM color touchscreen shows real-time port status, throughput, and system information directly on the switch, making on-site checks and basic management possible without opening a laptop.

5. Advanced Layer 2 Feature Set

LACP port aggregation, STP/RSTP, IGMP snooping and querier, 802.1X control, DHCP snooping, storm control, port mirroring, and jumbo frame support give administrators fine-grained control over traffic and network resiliency.

6. Built-in Security and Traffic Control

IP- and MAC-based ACLs, MAC address blocking, port isolation, and MAC-based port restriction help protect the network from unauthorized devices while keeping business-critical traffic isolated and stable.

7. Compact Desktop Form Factor

Housed in a rack-friendly compact desktop chassis with a polycarbonate enclosure, the switch fits comfortably on a desk, shelf, or in a rack while delivering enterprise-grade throughput and PoE capacity.

Specification

Parameter	Specification
Model	UniFi Switch Enterprise 8 PoE (EU)
SKU	USW-Enterprise-8-PoE-EU
Switch Type	Layer 3 Managed
Ports	8 × 2.5 GbE RJ45 PoE+ ports (2.5G/1G/100M)
Uplink Interfaces	2 × 10G SFP+ ports (10G/1G)
Total PoE Availability	120 W
PoE Standard	802.3at (PoE+), auto-sensing
Max. PoE Wattage per Port	32 W
Switching Capacity	80 Gbps
Total Non-Blocking Throughput	40 Gbps
Forwarding Rate	60 Mpps
Supported VLANs	1,000
MAC Address Table Size	16,000
IPv4 Static Routes	256
Packet Buffer Size	1.5 MB
Management	UniFi Network Application (v6.3.51 and later)
Display	1.3" LCM color touchscreen
Form Factor	Compact desktop
Dimensions (W × H × D)	200 × 44 × 248 mm (7.9 × 1.7 × 9.8 in)
Weight	2.4 kg (5.3 lb)
Power Method	Universal input, 100–240V AC, 50/60 Hz
Max. Power Consumption	30 W excl. PoE / 150 W incl. PoE output
Operating Temperature	-5°C to 45°C (23°F to 113°F)
Operating Humidity	10% to 90% non-condensing
Enclosure Material	Polycarbonate
Certifications	CE, FCC, IC

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CONTACT US

Insight Technology Pvt. Ltd.

Email: care@insightinfosys.com

Phone: +977 1 5268730, 9801148543

Address: Steel Tower, Jawalakhel, Lalitpur