



Switch Enterprise 48 PoE

Layer 3 switch with (48) 2.5GbE RJ45 ports with PoE+ support for WiFi 6 access points and (4) 10G SFP+ ports.

The Switch Enterprise 48 PoE (USW Enterprise 48 PoE) is a configurable, Layer 3 switch with (48) auto-sensing, 2.5GbE RJ45 ports that can deliver 802.3af/at PoE+ to WiFi 6 access points, as well as (4) 10G SFP+ ports to supply you with additional fiber uplink options. The USW Enterprise 48 PoE also offers an extensive suite of advanced Layer 2 switching protocols, including port-specific operation modes (switching, mirroring, or aggregate). Additionally, it features a 1.3" LCM color touchscreen that simplifies system and connection management when used with the UniFi Network mobile app's AR switch scanning feature. The USW Enterprise 48 PoE can be fully managed and configured with either the UniFi Network web application or mobile app.



Mechanical

| | |
|--------------------|---|
| Dimensions | 442 x 44 x 400 mm (17.4 x 1.7 x 15.7") |
| Weight | Without mount: 6.2 kg (13.67 lb) With mount: 6.3 kg (13.89 lb) |
| Enclosure material | SGCC steel |
| Mount material | SGCC steel |

Hardware

| | |
|---|--|
| Total non-blocking throughput | 160 Gbps |
| Switching capacity | 320 Gbps |
| Forwarding rate | 238.095 Mpps |
| Max. power consumption (excluding PoE output) | 150 W |
| Power method | (1) Universal AC input, 100-240VAC, 10A Max, 50/60 Hz (1) USP-RPS DC input, 52VDC, 13.84A; 11.5VDC, 13A |
| Power supply | AC/DC, internal, 100-240V, 10A max. |
| Management interface | Ethernet in-band |
| Networking interfaces | (48) 100MbE/1GbE/2.5GbE RJ45 port |
| SFP+ interfaces | (4) 1G/10G SFP+ ports |
| PoE interfaces | (48) PoE+ IEEE 802.3af/at (pins 1, 2+; 3, 6-) |
| Total PoE supply | 720 W |
| Max. PoE+ wattage per port by PSE | 34.2 W |
| Voltage range 802.3af mode | 44 to 57V |
| Voltage range 802.3at mode | 50 to 57V |
| Services | SMB Layer 3 PoE Gigabit Ethernet switch |
| ESD/EMP protection | Air: ± 16 kV, contact: ± 12 kV |
| Display | (1) 1.3" LCM color touchscreen Bootup animation: bootup in progress Firmware update icon: firmware updating Steady white: factory defaults, awaiting adoption Steady blue: device is adopted |
| Button | Factory reset |
| Operating temperature | -5 to 40° C (23 to 104° F) |
| Operating humidity | 10 - 90% noncondensing |
| Certifications | CE, FCC, IC |



LEDs

Ethernet

White: [link or activity](#)

SFP+

White: [link or activity](#)



Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at www.ui.com/support/warranty

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