

UniFi UISP Branding

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Switching WiFi Camera Security Door Access CloudKeys & Gateways Power Tech Inte

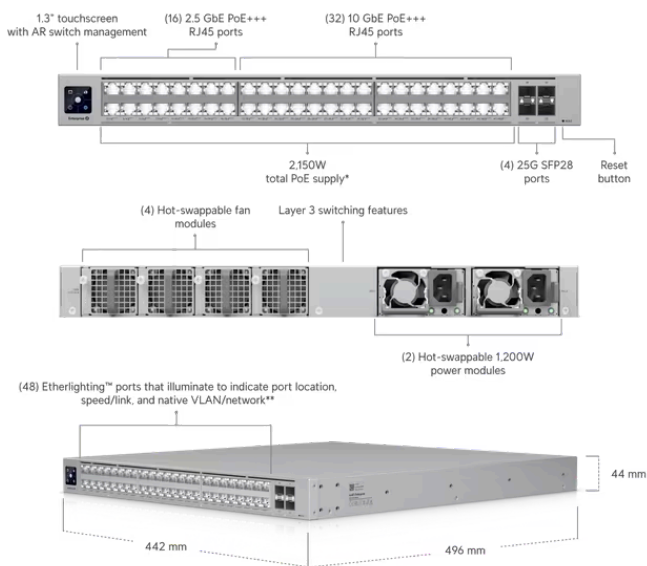
Enterprise > Enterprise Campus 48 PoE

Datasheet

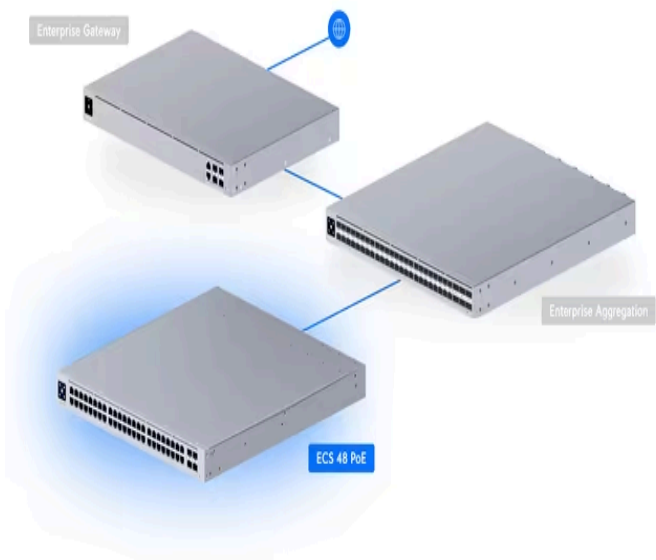
In The Box

Marketing Images

Installation Guide



*With (2) 1,200W power modules. The second power module can provide redundant or additional power to PoE ports as needed.
**Pair with UniFi Etherlighting Patch Cables for optimal brightness.



Mechanical

Dimensions

442 x 496 x 44 mm (17.4 x 19.5 x 1.7")

Weight

Without mounting brackets: 9.5 kg (20.9 lb)
With mounting brackets: 9.6 kg (21.1 lb)

Enclosure material

SGCC steel

Slide rails support

The rails support 482.6 mm (19") four-post racks with square holes (9.5 x 9.5 mm) and posts depths ranging from 650 to 1,000 mm (25.6-39.4")

Hardware

Management interface	Ethernet In-Band
Networking interface	(32) 10 GbE RJ45 ports (16) 2.5 GbE RJ45 ports (4) 25G SFP28 ports
PoE interface	(48) 90W PoE+++ (Pair A 1, 2+; 3, 6-) (Pair B 4, 5+; 7, 8-)* *802.3bt Type 4, Class 8
Total non-blocking throughput	460 Gbps
Switching capacity	920 Gbps
Forwarding rate	684.48 Mpps
Power method	(2) Universal input, 100—240V AC, 50/60 Hz
Power supply	(2) Hot-swappable AC/DC 1,200W power modules
Max. power consumption	Excluding PoE output: 250W Including PoE output: 2,400W
Total available PoE	2,150W* *With (2) 1,200W power modules. The second power module can provide redundant or additional power to PoE ports as needed.
Max. PoE wattage per port by PSE	PoE+++ : 90W
Voltage range PoE mode	50—57V
LCM display	(1) 1.3" touchscreen
Button	Factory reset
Ambient operating temperature	-5 to 40° C (23 to 104° F)
Ambient operating humidity	10 to 90% noncondensing
Certifications	CE, FCC, IC

Switching Features

Layer 2 features	IGMP snooping STP / RSTP with priorities and port-level disable Port isolation Storm control Voice VLAN Port mirroring LACP port aggregation Multicast / broadcast rate limiting MAC address blocking
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- Flow control
- 802.1X control
- Jumbo frames
- Proprietary loop protection
- DHCP snooping / guarding
- Egress rate limit
- LLDP-MED
- Port restricted by MAC
- Device isolation with ACLs

Layer 3 features

- DHCP for locally-managed networks
- DHCP relay
- Inter-VLAN routing between networks on same switch
- Static routing between local networks
- Network isolation with ACLs

Etherlighting™

Ethernet

- Locating
- Speed/link
- Native VLAN/network

SFP28

- Locating
- Speed/link
- Native VLAN/network

LEDs

System

Status

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