



Pro 48 PoE Spec Sheet

| USW-Pro-48-PoE

A 48-port, Layer 3 switch capable of high-power PoE++ output.

- (40) GbE PoE+, (8) GbE PoE++ ports
- (4) 10G SFP+ ports
- 600W total PoE availability
- DC power backup-ready
- Layer 3 switching
- Near silent-cooling

Mechanical

Dimensions	442 x 400 x 44mm
Weight	Without mounting brackets: 6.2kg With mounting brackets: 6.3kg
Enclosure material	SGCC steel

Hardware

Management interface	Ethernet In-Band
Networking interface	(48) GbE RJ45 ports (4) 1/10G SFP+ ports
PoE interface	(40) PoE/PoE+ (Pins 1, 2+; 3, 6-) (8) 60W PoE++ (Pair A 1, 2+; 3, 6-) (Pair B 4, 5+; 7, 8-)
Total non-blocking throughput	88 Gbps
Switching capacity	176 Gbps
Forwarding Rate	130.944 Gbps
Power method	(1) Universal input, 100-240V AC, 50/60Hz (1) USP-RPS DC input, 52V DC, 11.54A; 11.5V DC, 5.22A
Power supply	AC/DC, Internal, 660W
Supported voltage range	100—240V AC
Max. power consumption	60W (Excluding PoE output)
Total available PoE	600W
Max. PoE wattage per port by PSE	PoE+: 32W PoE++: 64W

Voltage range PoE mode	PoE: 44-57V PoE+: 50-57V
ESD/EMP protection	Air: ± 16kV, contact: ±12kV
LCM display	(1) 1.3" touchscreen
Button	Factory reset
Shock and vibration	ETSI300-019-1.4 Standard
Ambient operating temperature	-5 to 40°C
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 Flow control 802.1X control Jumbo frames Propriety 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

LEDs

System

Status

Ethernet

PoE

Speed/link/activity

SFP+

Link/activity

RPS

Status

Application Requirements

UniFi Network

Version 5.10.5 and later