

Standard 48 PoE

USW-48-POE

Datasheet

In The Box

Marketing Images

Accessories

Installation Guide

^ Overview

Dimensions	442 x 285 x 44 mm (17.4 x 11.2 x 1.7")
Port Layout	
1 GbE RJ45	48 (32 PoE+) (1G/100M/10M)
1G SFP	4 (1G)
Max. PoE Output	Up to PoE+
Total PoE Availability	195W
Form Factor	Rack mount (1U)

^ Performance

Switching Capacity	104 Gbps
Total Non-Blocking Throughput	52 Gbps
Forwarding Rate	77 Mpps
Supported VLANs	1,000
MAC Address Table Size	16,000
Packet Buffer Size	1.5 MB
Access Lists	
IPv4	128
MAC	128

^ **Layer 2 Features**

LACP Port Aggregation	✓
STP & RSTP	✓
Advanced IGMP Configuration (Querier, Fast Leave, Router Port)	✓
IGMP Snooping	✓
802.1X Control	✓
MAC-Based ACLs & Device Isolation	✓
DHCP Snooping & Guarding	✓
Egress Rate Limit	✓
Flow Control	✓
Storm Control	✓
Multicast & Broadcast Rate Limiting	✓
MAC Address Blocking	✓
IP-Based ACLs & Network Isolation	✓
MAC-Based Port Restriction	✓
Port Isolation	✓
Port Mirroring	✓
Jumbo Frames	✓
LLDP-MED	✓
Voice VLAN	✓
Loop Protection	✓
Virtual Network Override	✓

^ **Hardware**

PoE Ports	
PoE+	32
Max. PoE Wattage per Port by PSE	
PoE	15.4W
PoE+	32W

Max. Power Consumption	45W (Excluding PoE Output) 240W (Including PoE Output)
Power Method	Universal input, 100–240V AC, 50/60 Hz
Power Input Method	AC input
Power Supply	AC/DC, internal, 240W
Supported Voltage Range	100–240V AC
Management	Ethernet AR
Heat Dissipation	153.5 BTU/hr (Excluding PoE Output)
Weight	Without mounting brackets: 4.5 kg (10 lb) With mounting brackets: 4.6 kg (10.2 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Supported Rack Depth	400~1200 mm (15.7-47.2")
LCM Display	1.3" touchscreen
ESD Protection	Air: ± 16kV, contact: ± 12kV
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
NDAA Compliant	✓
Certifications	CE, FCC, IC, Anatel: 00593-21-08356

^ **Software**

Application Requirements

UniFi Network	Version 7.2.94 and later
---------------	--------------------------