

Professional Max & XG > [Pro Max 48 PoE](#)



Pro Max 48 PoE

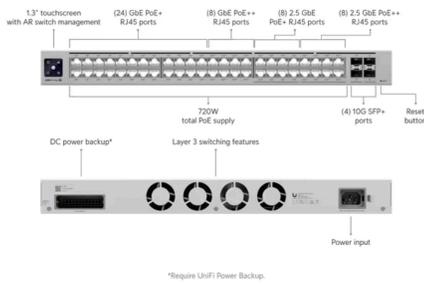
USW-Pro-Max-48-PoE

[Datasheet](#)

[In The Box](#)

[Marketing Images](#)

[Installation Guide](#)



Overview

Dimensions	442.4 x 400 x 44 mm (17.4 x 15.7 x 1.7")
Port Layout	
1 GbE RJ45	32 (24 PoE+; 8 PoE++) (1G/100M/10M)
2.5 GbE RJ45	16 (8 PoE+; 8 PoE++) (2.5G/1G/100M/10M)
10G SFP+	4 (10G/1G)
Max. PoE Output	Up to PoE++

Total PoE Availability	720W
Redundancy	DC Power Backup
Layer 3	✓
Form Factor	Rack mount (1U)
Etherlighting™	✓
^ Performance	
Switching Capacity	224 Gbps
Total Non-Blocking Throughput	112 Gbps
Forwarding Rate	167 Mpps
Supported VLANs	1,000
MAC Address Table Size	32,000
L3 Table Size	
ARP Entries	12,000
IPv4 Routes	12,000
Packet Buffer Size	2 MB
Access Lists	
IPv4	128
MAC	128
^ Layer 3 Features	
DHCP Server (Local Networks)	✓
DHCP Relay	✓
Inter-VLAN Routing (Local Networks)	✓
Static Routing (Local Networks)	✓
^ Layer 2 Features	
LACP Port Aggregation	✓
STP & RSTP	✓

QoS (DSCP)	✓
Pro AV Profiles (Play, Dante, Q-SYS, NDI, SDVoE, Shure, AES67, Crestron)	✓
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	✓

^ **Hardware**

PoE Ports

PoE+	32
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PoE++	16
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Max. PoE Wattage per Port by PSE

PoE	15.4W
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PoE+	32W
PoE++	64W
Max. Power Consumption	100W (Excluding PoE Output) 820W (Including PoE Output)
Power Method	(1) Universal input, 100—240V AC, 50/60 Hz (1) USP RPS DC input
Power Input Method	AC input
Power Supply	AC/DC, internal, 870W
Supported Voltage Range	100—240V AC
Management	Ethernet AR
Heat Dissipation	341.2 BTU/hr (Excluding PoE Output)
Weight	Without mounting brackets: 6.2 kg (13.7 lb) With mounting brackets: 6.3 kg (13.9 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
Etherlighting™	
Ethernet	✓
SFP+	✓
NDA Compliant	✓
Certifications	CE, FCC, IC, Anatel: 06373-24-08356

^ **Software**

Application Requirements

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