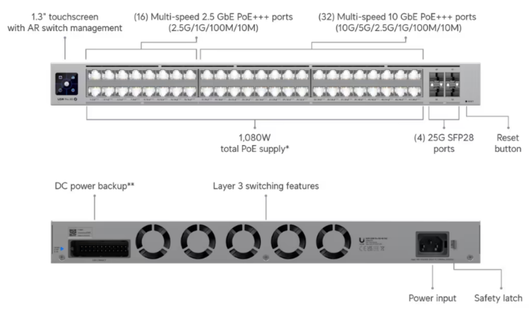
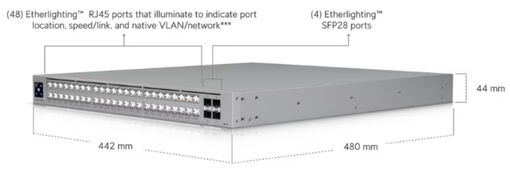
Pro XG 48 PoE

USW-Pro-XG-48-PoE

Datasheet | In The Box | Marketing Images | Installation Guide



*1,080W with 200-240V AC and 972W with 100-120V AC.
**Require UniFi Power Backup.



***Pair with UniFi Etherlighting Patch Cables for optimal brightness.

Overview

Dimensions	442 x 480 x 44 mm (17.4 x 18.9 x 1.7")
Port Layout	
2.5 GbE RJ45	16 (All PoE+++) (2.5G/1G/100M/10M)
10 GbE RJ45	32 (All PoE+++) (10G/5G/2.5G/1G/100M/10M)
25G SFP28	4 (25G/10G/1G)
Max. PoE Output	Up to PoE+++
Total PoE Availability	200-240V AC: 1080W 100-120V AC: 972W
Redundancy	DC Power Backup
Layer 3	✓
Form Factor	Rack mount (1U)
Etherlighting™	✓

Performance

Switching Capacity	920 Gbps
Total Non-Blocking Throughput	460 Gbps
Forwarding Rate	684 Mpps
Supported VLANs	1,000
MAC Address Table Size	128,000
L3 Table Size	
ARP Entries	128,000
IPv4 Routes	256,000
Packet Buffer Size	8 MB
Access Lists	
IPv4	256
MAC	256

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+++	48
Max. PoE Wattage per Port by PSE	
PoE	15.4W
PoE+	30W
PoE++	60W
PoE+++	90W
Max. Power Consumption	200W (Excluding PoE Output) 200-240V: 1,280W / 100-120V AC: 1,172W (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, 1,350W
Supported Voltage Range	100—240V AC
Management	Ethernet AR
Weight	Without mounting brackets: 8.7 kg (15.4 lb) With mounting brackets: 8.8 kg (15.7 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Supported Rack Depth	482.6 mm (19") four-post racks Posts depths ranging from 600 to 1,066 mm (23.6-42")
LCM Display	1.3" touchscreen
ESD Protection	Air: ± 30kV, contact: ± 20kV
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
Etherlighting™	
Ethernet	✓
SFP28	✓
LEDs	
RPS	✓
NDAA Compliant	✓
Certifications	CE, FCC, IC

Software

Application Requirements	
UniFi Network	Version 9.1.120 and later