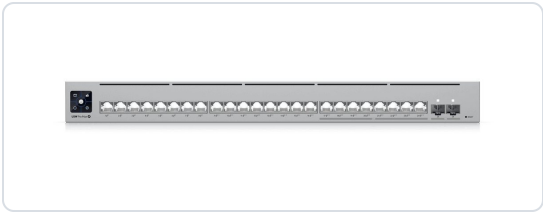
Pro Max 24 PoE

SL-USW-Pro-Max-24-PoE

NETWORK SWITCH

A 24-port, Layer 3 Etherlighting™ switch capable of high-power PoE++ output.









OVERVIEW

Dimensions	442 × 325 × 44 mm (17.4 × 12.8 × 1.7")
Port Layout	
1 GbE RJ45	16 (8 PoE+; 8 PoE++) (1G/100M/10M)
2.5 GbE RJ45	8 (All PoE++) (2.5G/1G/100M/10M)
10G SFP+	2 (10G/1G)
Max. PoE Output	Up to PoE++
Total PoE Availability	400W
Redundancy	DC Power Backup *With RPS*
Layer 3	✓ Yes
Form Factor	Rack mount (1U)
Etherlighting™	✓ Yes

PERFORMANCE

Switching Capacity	112 Gbps
Total Non-Blocking Throughput	56 Gbps
Forwarding Rate	83 Mpps
Supported VLANs	1,000
MAC Address Table Size	16,000
IPv4 Static Routes	256
Packet Buffer Size	1.5 MB
Access Lists	
IPv4	128
MAC	128

LAYER 3 FEATURES

DHCP Server (Local Networks)	✓ Yes
DHCP Relay	✓ Yes
Inter-VLAN Routing (Local Networks)	✓ Yes
Static Routing (Local Networks)	✓ Yes

LAYER 2 FEATURES

LACP Port Aggregation	✓ Yes
STP & RSTP	✓ Yes
QoS (DSCP)	✓ Yes
Pro AV Profiles (Play, Dante, Q-SYS, NDI, SDVoE, Shure, AES67, Crestron)	✓ Yes
Advanced IGMP Configuration (Querier, Fast Leave, Router Port)	✓ Yes
IGMP Snooping	✓ Yes
802.1X Control	✓ Yes
MAC-Based ACLs & Device Isolation	✓ Yes
DHCP Snooping & Guarding	✓ Yes
Egress Rate Limit	✓ Yes
Flow Control	✓ Yes
Storm Control	✓ Yes
Multicast & Broadcast Rate Limiting	✓ Yes

MAC Address Blocking	✓ Yes
IP-Based ACLs & Network Isolation	✓ Yes
MAC-Based Port Restriction	✓ Yes
Port Isolation	✓ Yes
Port Mirroring	✓ Yes
Jumbo Frames	✓ Yes
LLDP-MED	✓ Yes
Voice VLAN	✓ Yes
Loop Protection	✓ Yes
Virtual Network Override	✓ Yes

HARDWARE

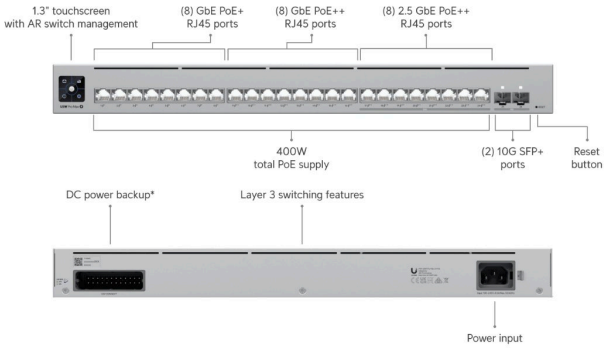
PoE Ports	
PoE+	8
PoE++	16
Max. PoE Wattage per Port by PSE	
PoE	15.4W
PoE+	32W
PoE++	60W
Max. Power Consumption	50W (Excluding PoE Output) 450W (Including PoE Output)
Power Method	(1) Universal input, 100–240V AC, 50/60 Hz (1) USP RPS DC input
Power Input Method	AC input
Power Supply	AC/DC, internal, 550W
Supported Voltage Range	100–240V AC
Management	Ethernet AR
Heat Dissipation	119 BTU/hr (Excluding PoE Output)
Weight	Without mounting brackets: 5.1 kg (11.3 lb) With mounting brackets: 5.2 kg (11.5 lb)
Enclosure Material	SGCC steel
Mount Material	SGCC steel
Supported Rack Depth	400~1200 mm (15.7-47.2")

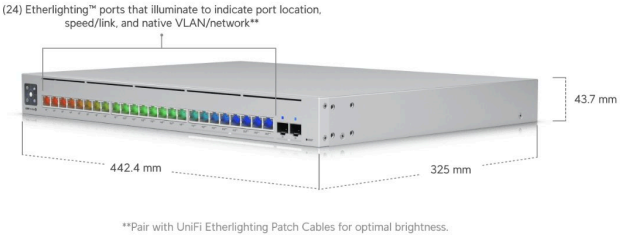
LCM Display	1.3" touchscreen
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
Etherlighting™	
Ethernet	✓ Yes
SFP+	✓ Yes
NDAA Compliant	✓ Yes
Certifications	CE, FCC, IC, Anatel: 06374-24-08356

SOFTWARE

Application Requirements	
Network application	Version 8.0.24 and later

PRODUCT DRAWINGS





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