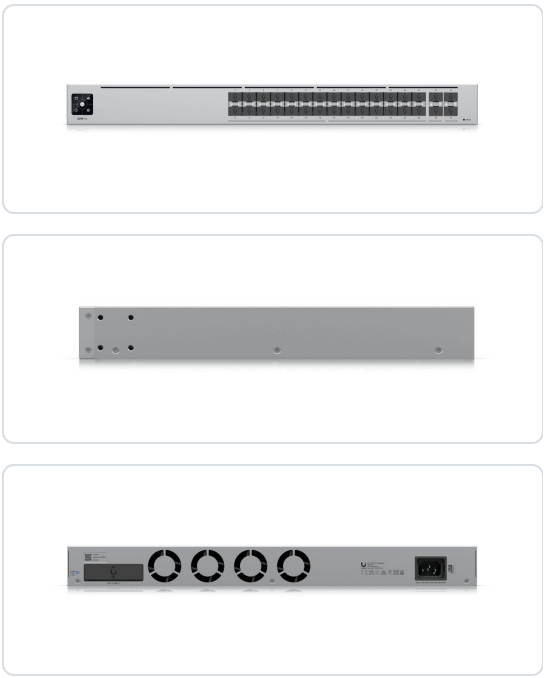
Hi-Capacity Aggregation

SL-USW-Pro-Aggregation NETWORK SWITCH

A 32-port, Layer 3 switch made for high-capacity 10G SFP+ and 25G SFP28 connections.





OVERVIEW

Dimensions	442 × 325 × 44 mm (17.4 × 12.8 × 1.7")
Port Layout	
10G SFP+	28 (10G/1G)
25G SFP28	4 (25G/10G/1G)
Redundancy	DC Power Backup *With RPS*
Layer 3	✓ Yes
Form Factor	Rack mount (1U)

PERFORMANCE

Switching Capacity	760 Gbps
Total Non-Blocking Throughput	380 Gbps
Forwarding Rate	565 Mpps

Supported VLANs	1,000
MAC Address Table Size	32,000
IPv4 Static Routes	256
Packet Buffer Size	4 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

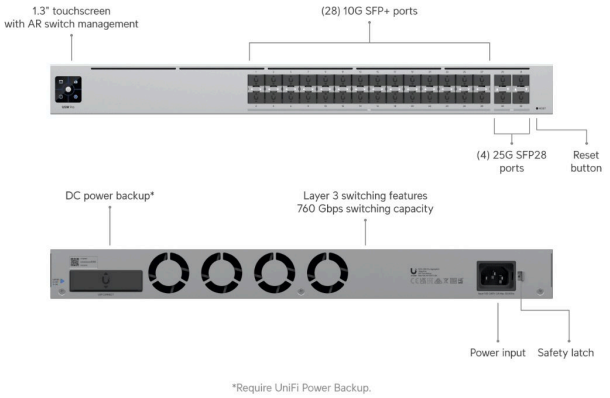
HARDWARE

Max. Power Consumption	100W
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, 100W
Supported Voltage Range	100–240V AC
Management	Ethernet AR
Heat Dissipation	341 BTU/hr
Weight	Without mounting brackets: 4.6 kg (10.1 lb) With mounting brackets: 4.7 kg (10.4 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	✓ Yes
Certifications	CE, FCC, IC, Anatel: 20756-22-08356

SOFTWARE

Application Requirements	
Network application	Version 6.1.25 and later

PRODUCT DRAWINGS





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