

UniFi UISP Branding

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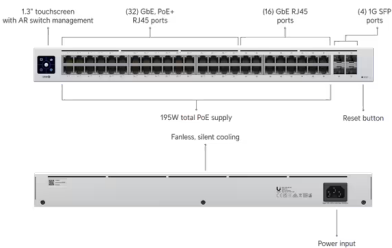
Switching WiFi Camera Security Door Access Integrations Advanced Hosting

Standard > [Standard 48 PoE](#)



Standard 48 PoE
USW-48-POE

Datasheet In The Box Marketing Images 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	✓
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Virtual Network Override	✓
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^ Hardware

PoE Ports

PoE+	32
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Max. PoE Wattage per Port by PSE

PoE	15.4W
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PoE+	32W
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Max. Power Consumption	45W (Excluding PoE Output) 240W (Including PoE Output)
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Power Method	Universal input, 100—240V AC, 50/60 Hz
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Power Input Method	AC input
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Power Supply	AC/DC, internal, 240W
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Supported Voltage Range	100—240V AC
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Management	Ethernet AR
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Heat Dissipation	153.5 BTU/hr (Excluding PoE Output)
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Weight	Without mounting brackets: 4.5 kg (10 lb) With mounting brackets: 4.6 kg (10.2 lb)
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Enclosure Material	SGCC steel
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Mount Material	SGCC steel
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Supported Rack Depth	400~1200 mm (15.7-47.2")
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LCM Display	1.3" touchscreen
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ESD Protection	Air: ± 16kV, contact: ± 12kV
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Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
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Ambient Operating Humidity	10 to 90% noncondensing
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NDAA Compliant	✓
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Certifications	CE, FCC, IC, Anatel: 00593-21-08356
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^ Software

Application Requirements

UniFi Network

Version 7.2.94 and later

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