



Standard 48 PoE

USW-48-POE

Mechanical

Dimensions	442 x 285 x 44 mm (17.4 x 11.2 x 1.7")
Weight	Without mounting brackets: 4.5 kg (10 lb) With mounting brackets: 4.6 kg (10.2 lb)

Enclosure material	SGCC steel
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Hardware

Management interface	Ethernet In-Band
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Networking interface	(48) GbE RJ45 ports (4) 1G SFP ports
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PoE interface	(32) PoE/PoE+ (Pins 1, 2+; 3, 6-)
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Total non-blocking throughput	52 Gbps
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Switching capacity	104 Gbps
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Forwarding rate	77.38 Mpps
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Power method	Universal input, 100—240V AC, 50/60 Hz
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Power supply	AC/DC, internal, 240W
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Supported voltage range	100—240V AC
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Max. power consumption	45W (Excluding PoE output)
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Total PoE available	195W
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Max. PoE wattage per port by PSE	PoE+: 32W
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Voltage range PoE mode	PoE: 44—57V PoE+: 50—57V
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ESD/EMP protection	Air: ± 16 kV, contact: ± 12 kV
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Shock and vibration	ETSI300-019-1.4 Standard
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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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Certifications	CE, FCC, IC
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Switching Features

Layer 2 features	IGMP snooping STP / RSTP with priorities and port-level disable Port isolation Storm control Voice VLAN Port mirroring
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LACP port aggregation
Multicast / broadcast rate limiting
MAC address blocking
Flow control
802.1X control
Jumbo frames
Proprietary loop protection
DHCP snooping / guarding
Egress rate limit
LLDP-MED
Port restricted by MAC
Device isolation with ACLs

Layer 3 features

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LEDs

System

Status

Ethernet

PoE

Speed/link/activity

SFP

Link/activity