



Installation Guide

Technical Specifications

Mechanical

Dimensions

442 x 325 x 44 mm (17.4 x 12.8 x 1.7")

Weight

Without mounting brackets: 5.1 kg (11.3 lb)
With mounting brackets: 5.2 kg (11.5 lb)

Enclosure material

SGCC steel

Hardware

Management interface	Ethernet In-Band
Networking interface	(16) GbE RJ45 ports (8) 1/2.5 GbE RJ45 ports (2) 10G SFP+ ports
PoE interface	(8) PoE/PoE+ (Pins 1, 2+; 3, 6-) (16) 60W PoE++ (Pair A 1, 2+; 3, 6-) (Pair B 4, 5+; 7, 8-)
Total non-blocking throughput	56 Gbps
Switching capacity	112 Gbps
Power method	(1) Universal input, 100—240V AC, 50/60 Hz (1) USP-RPS DC input
Power supply	AC/DC, internal, 450W
Supported voltage range	100—240V AC
Max. power consumption	50W (Excluding PoE output)
Total available PoE	400W
Max. PoE wattage per port by PSE	PoE: 15.4W PoE+: 30W PoE++: 60W
Voltage range PoE mode	PoE: 44—57V PoE+: 50—57V
LCM display	(1) 1.3" touchscreen
Button	Factory reset
Ambient operating temperature	-5 to 40° C (23 to 104° F)
Ambient operating humidity	10 to 90% noncondensing
Certifications	CE, FCC, IC

Switching Features

Layer 2 features	IGMP snooping STP / RSTP with priorities and port-level disable Port isolation Storm control Voice VLAN
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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

DHCP for locally-managed networks
 DHCP relay
 Inter-VLAN routing between networks on same switch
 Static routing between local networks
 Network isolation with ACLs

Etherlighting™

Ethernet

Locating
 Speed/link
 Native VLAN/network

SFP+

Locating
 Speed/link
 Native VLAN/network

LEDs

System

Status

RPS

Status

Application Requirements

UniFi Network

Version 8.0.24 and later

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