

Switch Enterprise 24 PoE



Mechanical

Dimensions	442.4 x 43.7 x 325 mm (17.4 x 1.7 x 12.8")
Weight	Without mount: 5.11 kg (11.27 lb) With mount: 5.2 kg (11.46 lb)
Enclosure material	SGCC steel
Mount material	SGCC steel

Hardware

Total non-blocking throughput	62 Gbps
Switching capacity	124 Gbps
Forwarding rate	92.25 Mpps
Max. power consumption	550W
Power method	(1) Universal AC input: 100–240V AC, 8.5A Max., 50/60 Hz (1) USP-RPS DC input: 52V DC, 7.7A; 11.5V DC, 8.7A
Power supply	AC/DC, internal, 550W
Management interface	Ethernet In-Band
Networking interface	(12) 10/100/1000 MbE RJ45 (12) 100/1000/2500 MbE RJ45
SFP+ interface	(2) 1/10G SFP+
PoE interface	(24) PoE/PoE+ (Pins 1, 2+; 3, 6-)
Max. PoE+ wattage per port by PSE	34.2W
PoE budget	400W
Voltage range PoE mode	44–57V
Voltage range PoE+ mode	50–57V
Services	SMB layer 3 PoE GbE switch
ESD/EMP protection	Air: ± 16 kV, contact: ± 12 kV
Operating temperature	-5 to 40° C (23 to 104° F)
Operating humidity	10 to 95% noncondensing
Certifications	CE, FCC, IC

LEDs

System	(1) Bootup animation: bootup in progress Firmware upgrade icon: firmware upgrading Steady white: factory defaults, awaiting adoption Steady blue: device is adopted
Ethernet	White: link or activity
SFP+	White: link or activity



Zoom in

Zoom in

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

(12) GbE RJ45 ports

(12) 2.5 GbE RJ45 ports

(2) 10G SFP+ ports

PoE interface

(24) PoE/PoE+ (Pins 1, 2+; 3, 6-)

Total non-blocking throughput

62 Gbps

Switching capacity

124 Gbps

Forwarding rate

92.25 Mpps

Power method

(1) Universal input, 100—240V AC, 8.5A Max., 50/60 Hz

(1) USP-RPS DC input: 52V DC, 7.7A; 11.5V DC, 8.7A

Power supply

AC/DC, internal, 550W

Supported voltage range

100—240V AC

Max. power consumption	550W
Total available PoE	400W
Max. PoE+ wattage per port by PSE	34.2W
Voltage range PoE mode	PoE: 44— 57V PoE+: 50—57V
Services	SMB Layer 3 PoE GbE switch
ESD/EMP protection	Air: ± 16kV, contact: ± 12kV
LCM display	(1) 1.3" color touchscreen
Button	Factory reset
Ambient operating temperature	-5 to 40° C (23 to 104° F)
Ambient operating humidity	10 to 95% 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 Port mirroring 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
Layer 3 features	DHCP for locally-managed networks DHCP relay Inter-VLAN routing between networks on same switch Static routing between local networks

LEDs

System

Status

Ethernet

Link/activity

SFP+

Link/activity

Application Requirements

UniFi Network

Version 5.14.12 and later