Standard 24 PoE Spec Sheet | USW-24-POE

A 24-port, Layer 2 PoE switch with a fanless cooling system.

- (16) GbE PoE+, (8) GbE ports
- (2) 1G SFP ports
- 95W total PoE availability
- Fanless, silent cooling

Mechanical

Dimensions	442 x 200 x 44mm
Weight	Without mounting brackets: 3 kg
	With mounting brackets: 3.1 kg
Enclosure material	SGCC steel

Hardware

Management interface	Ethernet In-Band
Networking interface	(24) GbE RJ45 ports
	(2) 1 SFP ports
PoE interface	(16) PoE/PoE+ (Pins 1, 2+; 3, 6-)
Total non-blocking throughput	26 Gbps
Switching capacity	52 Gbps
Forwarding Rate	38.69 Gbps
Power method	Universal input, 100-240V AC, 50/60Hz
Power supply	AC/DC, Internal, 120W
Supported voltage range	100—240V AC
Max. power consumption	25W (Excluding PoE output)
Total available PoE	95W
Max. PoE wattage per port by PSE	PoE+: 32W
Voltage range PoE mode	PoE: 44-57V
	PoE+: 50-57V
ESD/EMP protection	Air ± 16kV, contact: ± 12kV
LCM display	(1) 1.3” touchscreen

Button	Factory reset
Shock and vibration	ETSI300-019-1.4 Standard
Ambient operating temperature	-5 to 40°C
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
	Port mirroring
	LACP port aggregation
	Multicast / broadcast rate limiting
	MAC address blocking
	Flow control
	802.1X control
	Jumbo frames
	Propriety loop protection
	DHCP snooping / guarding
	Egress rate limit
	LLDP-MED
	Port restricted by MAC
	Device isolation with ACLs
Layer 3 features	-

LEDs

System	Status
Ethernet	PoE
	Speed/link/activity
SFP	Link/activity

Application Requirements

UniFi Network	Version 7.2.94 and later