



UniFi® | SWITCH 8

Fully Managed Gigabit Switches

Models: US-8, US-8-60W

Non-Blocking Throughput Switching Performance

Gigabit Ethernet RJ45 Ports

Robust Performance for Enterprise Networks



UniFi® SWITCH

Overview

Build and expand your network with Ubiquiti Networks® UniFi® Switch, part of the UniFi line of products.

The new 8-port models feature Gigabit Ethernet ports in a compact form factor. The switches are fully manageable, delivering robust performance and intelligent switching for your networks.

Switching Performance

The UniFi Switch offers the forwarding capacity to simultaneously process traffic on all ports at line rate without any packet loss.

For its total, non-blocking throughput, each UniFi Switch supports up to 8 Gbps with a switching capacity of 16 Gbps.

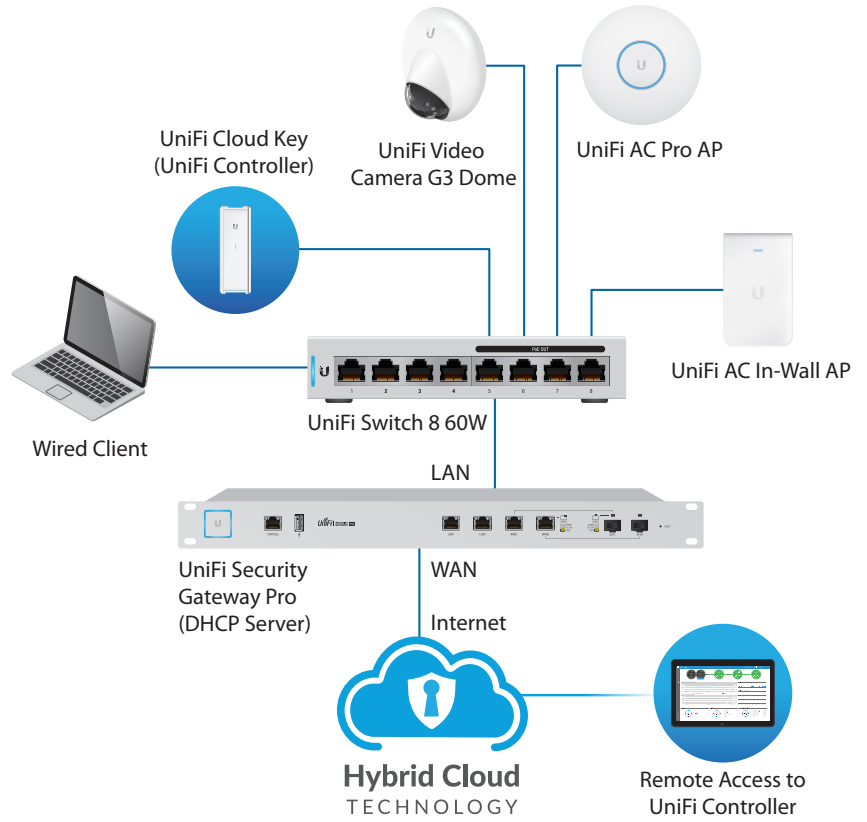
PoE

The US-8 can be powered by 802.3af/at, 48V passive PoE, or the included power adapter. When the US-8 is powered by 802.3at PoE or the included power supply, port 8 supports 48V (2-pair) PoE passthrough to deliver up to 12W of power.

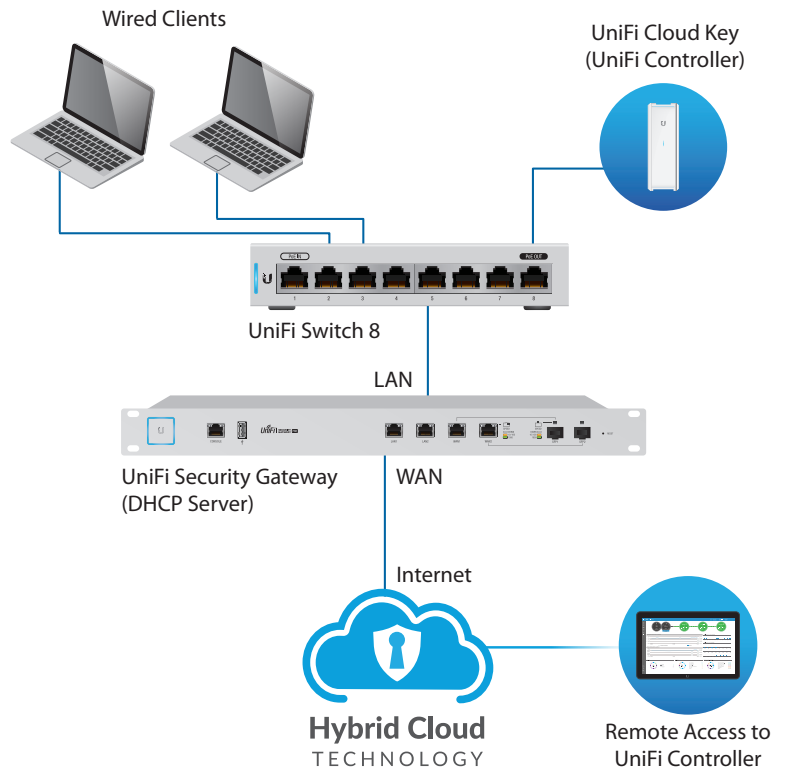
The following table displays the PoE passthrough options for the US-8:

Power Input	PoE Passthrough
802.3af In	No PoE Out
802.3at In	802.3af Out
Power Supply (Included)	48V Passive Out

The US-8-60W is powered by its included power adapter. It has four auto-sensing PoE ports delivering up to 15.4W of power per port.



US-8-60W Sample Network Diagram



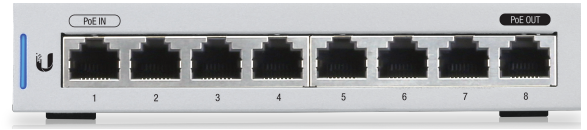
US-8 Sample Network Diagram

Models

UniFi® SWITCH 8

Model: US-8

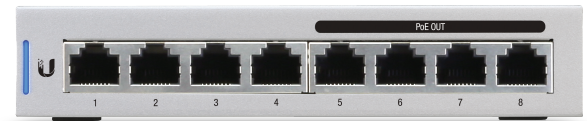
- (8) Gigabit RJ45 Ports
- (1) PoE Passthrough Port
- Non-Blocking Throughput: 8 Gbps
- Switching Capacity: 16 Gbps
- Forwarding Rate: 11.9 Mpps
- Maximum Power Consumption: 12W
- PoE or DC Input Option
- Available in Single-Pack and 5-Pack
(Power Supply Not Included with 5-Pack)



UniFi® SWITCH 8 60W

Model: US-8-60W

- (8) Gigabit RJ45 Ports
- (4) Auto-Sensing IEEE 802.3af PoE Ports
- Non-Blocking Throughput: 8 Gbps
- Switching Capacity: 16 Gbps
- Forwarding Rate: 11.9 Mpps
- Maximum Power Consumption: 12W
- Available in Single-Pack and 5-Pack

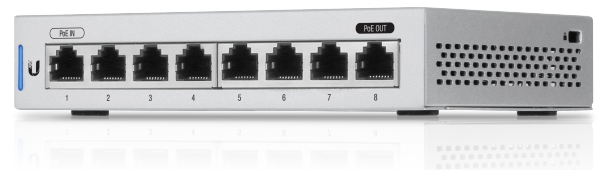


Hardware Specifications

US-8	
Dimensions	148.0 x 99.5 x 30.7 mm (5.83 x 3.92 x 1.21")
Weight	432 g (15.24 oz)
Enclosure Characteristics	SGCC Steel
Total Non-Blocking Throughput	8 Gbps
Switching Capacity	16 Gbps
Forwarding Rate	11.9 Mpps
Max. Power Consumption	12W (Excluding PoE Output)
Max. Passive PoE Wattage per Port	PoE Mode 1: 12W @ 802.3at PoE Mode 2: 12W @ 48V DC Input Mode: 12W @ 48V
Passive PoE Voltage Range	Depends on Power Source
Power Method	(1) DC 48V, Max. 1.25A (1) PoE Input, 802.3 af/at (Pins +1, 2; -3, 6)
Supported Voltage Range	DC: 48V; 48V Mode: 56V to 40V
Power Supply	External AC/DC Adapter, 48V, 0.5A
LEDs	PoE (Port 8), Speed/Link/Activity (All Ports)
Networking Interfaces	(8) 10/100/1000 Mbps RJ45 Ports
PoE In Interface (Port 1)	PoE Mode 1: 802.3af/at (Pins +1, 2; -3, 6) PoE Mode 2: 48V (2-Pair Pins +4, 5; -7, 8)
PoE Out Interface (Port 8)	PoE Mode 1: 48V (Pins +1, 2; -3, 6) PoE Mode 2: Passive 48V (2-Pair Pins +4, 5; -7, 8) DC Input Mode: DC Passthrough (Pins +1, 2; -3, 6)
Management Interface	Ethernet In-Band Management
ESD/EMP Protection	Air: ± 24 kV, Contact: ± 24 kV
Operating Temperature	-5 to 45° C (23 to 113° F)
Operating Humidity	5 to 95% Noncondensing
Shock and Vibration	ETSI300-019-1.4 Standard
Certifications	CE, FCC, IC

Hardware Specifications

US-8-60W	
Dimensions	148.0 x 99.5 x 30.7 mm (5.83 x 3.92 x 1.21")
Weight	432 g (15.24 oz)
Enclosure Characteristics	SGCC Steel
Total Non-Blocking Throughput	8 Gbps
Switching Capacity	16 Gbps
Forwarding Rate	11.9 Mpps
Max. Power Consumption	12W (Excluding PoE Output)
Max. PoE Wattage per Port	15.4W
Power Method	48VDC, Max. 2A
Supported Voltage Range	57VDC to 44VDC
Power Supply	External AC/DC Adapter, 48V, 1.25A
LEDs	PoE (Port 8), Speed/Link/Activity (All Ports)
Networking Interfaces	(8) 10/100/1000 Mbps RJ45 Ports
PoE Interfaces	(4) Ports 5, 6, 7, 8; IEEE802.3af
ESD/EMP Protection	Air: ± 24 kV, Contact: ± 24 kV
Operating Temperature	-5 to 45° C (23 to 113° F)
Operating Humidity	5 to 95% Noncondensing
Shock and Vibration	ETSI300-019-1.4 Standard
Certifications	CE, FCC, IC



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