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REOUT



Fully Managed Gigabit Switches Models: US-8, US-8-60W

Non-Blocking Throughput Switching Performance

URIF

Gigabit Ethernet RJ45 Ports

Robust Performance for Enterprise Networks





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.

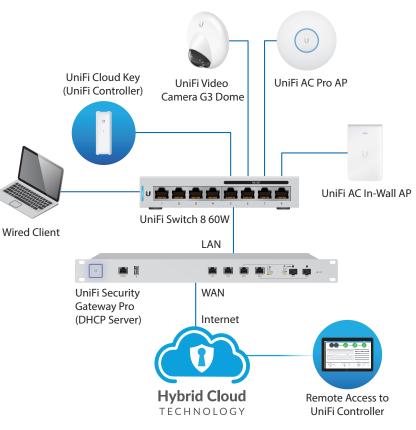
PoE

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.

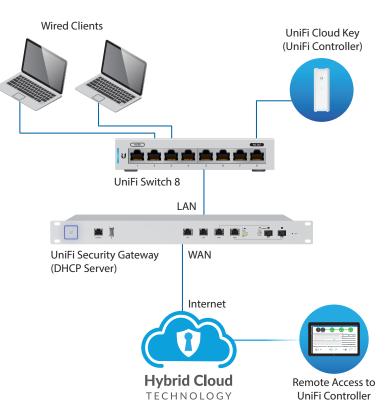
The following table displays the PoE passthrough options for the US-8:

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

SWITCH 8

UniFi Controller

Designed for convenient management, the UniFi Controller software allows admins to configure and monitor the UniFi Switch and other UniFi devices using a graphical user interface. You can download it from **www.ubnt.com** at no extra charge – there is no separate software, licensing, or support fee.

Multi-Site Management

A single instance of the UniFi Controller running in the cloud can manage multiple UniFi sites within a centralized interface. Each site is logically separated and has its own network monitoring, configuration, maps, statistics, and admin accounts.

Switch Configuration

You can access any managed UniFi Switch through the UniFi Controller to configure a variety of features:

- Operation mode (switching, mirroring, or aggregate) per port
- Network/VLAN configuration
- Jumbo frame and flow control services
- Network settings
- Storm control setting per port
- Spanning tree configuration
- 802.1x control and RADIUS VLAN
- Debug terminal option for command-line interface

Switch Port Status

You can also view status information for each port:

- Connection speed and duplex mode
- TX/RX data rates
- Network/VLAN setting

						Search
ALL	24) GATEWAY/SWITCHES (6) AP	15 (18) PHONES (0)				Search
t.	DEVICE NAME	IP ADDRESS	STATUS	MODEL	VERSION	UPTIME 0 0 0 2
-	dc:9fidb:00.00.01	192.168.1.1	PENCENS APPROVAL	UniFI Switch 8 POE-60W	4.3.11.4852827	55m 45s CONNECTED
-	Attic- US-16-150W	192.168.1.233	COMMICTER	UniFI Switch 16 POE-150W	3.5.1.4088	10d 18h 4
-	DownStairs US-48-500W	192.168.1.191	COMMICME	UniFi Switch 48 POE-500W	3.5.1.4088	4d 21h 55
-	Workshop US-48-750W	192.168.1.246	COMMICTED	UniFi Switch 48 POE-750W	3.5.1.4088	3d 21h 12 1 Gen BOCONNECTED # 24V Pet O MARCH
-	Rack US-48-750W	192.168.1.6	COMMECTER	UniFi Switch 48 POE-750W	3.5.1.4088	4d 21h 55 Details Ports Configuration
100	PatchPanel US-8-150W	192.168.1.204	(COMMICTED)	UniFi Switch 8 POE-150W	3.5.1.4088	1d 8h 10r MMC Address 0418:dds053.2r
	AC-Broadcom	192.168.1.231	COMMICME	UniFi AP-AC v2	3.5.1.4088	4d 21h 52 Hotel Unit Switch 8 Ventor Statum-bron52342.5295
0	AC-LITE	192.168.1.162	COMMICTED	UniFi AP-AC-Lite	3.6.1.3553	3d 21h 17 PAdress 292.5481.203 Unine 4: 20m 45s
0	AC-LR-Basement	192.168.1.137	COMMITTED	UHIFI AP-AC-UR	3.6.1.3553	4d 21h 54 Memory Unge 38% Load Average 136 / 135 / 141
0	44;d9;e7.02;04;33	192.168.1.197	(COMMICTER)	UniFi AP-AC-Lite	3.6.1.3553	3d 21h 1r 🗄 UPLINK
0	44:09:07:02:04:44	192.168.1.198	COMMICTED	UNIFI AP-AC-LR	3.6.1.3553	3d 19h 26 E DOWNLINKS
0	AC-Pro-Basement	192.168.1.7	COMMICTED	UniFi AP-AC-Pro Gen2	3.6.1.3553	4d 21h 55
0	44:d9:e7:f9:d2:89	192.168.1.200	COMMETTER	UniFi AP-AC-Pro Gen2	3.6.1.3553	9d 17h 55
0	Prototype1 UAP-AC-Pro	192.168.1.182	(COMMICTED (200 FOR))	UniFi AP-AC-Pro Gen2	3.6.1.3553	1d 8h 9m
0	AC-Pro-Crawlspace	192.168.1.134	COMMICTED	UniFi AP-AC-Pro Gen2	3.6.1.3553	3d 21h 15
	Timeout	192.168.1.235	COMMICTED	UniFi AP-In Wall	3.5.1.4088	1d 8h 9m
	Living	192.168.1.136	CONNECTED	UniFi AP-In Wall	3.5.1.4088	1d 8h 8m
-	Sitting	192.168.1.124	(COMMIC TED)	UniFi AP-In Wall	3.5.1.4088	1d 8h 8m
	Master	192.168.1.158	COMMICTER	UniFi AP-In Wall	3.5.1.4088	1d 8h 8m 📃 2 Pert 2 🥒
	Loft	192.168.1.139	COMMICTER	UniFi AP-In Wall	3.5.1.4088	1d 8h 8m 4 Pat4
3	Basement	192.168.1.140	(CONNECTOR)	UniFi AP-In Wall	3.5.1.4088	1d 8h 8m 🗆 5 Pert 5 Pec- 🧷
	24a43c942td9	192.168.1.122	(COMMICTED)	UniFi AP-Outdoor+	3.5.1.4088	3d 17h 22 6 Pet6 Pot /
0	Pro-roamtest2	192.168.1.164	COMMICTED	UniFi AP-Pro	3.5.1.4088	1d 8h 20r 8 Pet8 Pet-
0	Pro-roamtest	192.168.1.141	CONNECTED	UniFLAP-Pro	3.5.1.4088	ad 21b 16 / the macro

Device Configuration

The *Devices* screen displays the UniFi devices discovered by the UniFi Controller. You can access each managed device for device details and configuration.



Statistics

The *Switch Statistics* screen displays a graphical overview of all LAN throughput for each port on the selected switch. Under the same pane of glass, it also shows LAN, WLAN, and Internet traffic, including the breakdown of protocols being used (requires a UniFi Security Gateway).

SWITCH STAT	s v overv	EW POE I	COUNTERS	Select or sea	rch for a device	S. UNK STATUS	ALL 🗸							LEAR COUNTERS 👳	Search
PORT 1	SWITCH	NAME	POE	MODE	NETWORK/VLANS	LINK STATUS	STP	тх	RX	TX RATE	EX BATE	ACTIVITY	ACTIONS		
1	US8-60W-Lab	Port 1		Switzhing	Al	1,000 FDK	Forwarding	4.39 GB	247 MB	4.38 MB/s	124 KB/s		Ø EDIT	CLEAR COUNTERS	
1	44d9e7.flct8e	Port 1	PoE*	Switching	All	1,000 FOX (Uplink)	Forwarding	8.43 KB	8.12 KB	4.36 KB/S	1.62 KB/S	-	/ corr	CLEAR COUNTERS	
1	US-8	Port 5		Switzhing	All	1,000 FDK	Forwarding	784 KB	1.14 MB	295 8/s	208.8/5		Ø EDIT	CLEAR COUNTERS	
1	US-24-250W	Port 1	PoE*	Switching	All			0.8	08	0.8/5	0 B/S		a corr	CLEAR COUNTERS	
1 2 E	US-24-250W	Port 2	4.21W	Switzhing	All	1,000 FDK	Forwarding	176-68	155 MB	4.07 MB/s	97.8 KB/s		Ø EDIT	CLEAR COUNTERS	O POWER CO
2	US8-50W-Lab	Port 2		Switzhing	All	1.000 FDK	Forwarding	11.6 MB	748 KB	38.5 KB/S	1.96 KB/S	-	/ corr	CLEAR COUNTERS	
III 2	44:d9xe7.ttctille	Port 2	PoE+	Switzhing	All			0.8	0.0	0.8/s	0 B/s		🖉 ергг	O CLEAR COUNTERS	
2	US-8	Port 2		Switzhing	All	1,000 FDK (Uplink)	Forwarding	786 KB	11.7 MB	929 8/5	1.92 88/5	-	a sorr	O CLEAR COUNTERS	
1	USB-SOW-Lab	Port 3		Switzhing	All			956 KB	297 KB	0.8/s	0 B/s		Ø сол	CLEAR COUNTERS	
B 3	US-24-250W	Port 3	PoE*	Switzhing	All			0.8	08	0.86	0.8/5		Ø sorr	O CLEAR COUNTERS	
I 2	44.d9xe7.ttctile	Port 3	PoE+	Switzhing	All			0.8	0.8	0.8/s	0 B/s		🖉 сол	CLEAR COUNTERS	
3	US-8	Port 3		Switzhing	All			0.8	08	0.86	0.8/5		Ø som	O CLEAR COUNTERS	
4	US8-60W-Lab	Port 4		Switzhing	All	1,000 FDK (Uplink)	Forwarding	264 MB	4.64 GB	125 KB/S	4.41 MB/s	-	a sorr	CLEAR COUNTERS	
4	44xd9xe7.tfxct.8e	Port 4	PoE*	Switzhing	All			0.8	08	0.86	0.8/5		Ø EDIT	O CLEAR COUNTERS	
■ +	US-8	Port 4		Switzhing	All			0.8	08	0.8/5	0.8/5		🖉 сол	CLEAR COUNTERS	
4	US-24-250W	Port 4	PoEx	Switzhing	All			0.8	0.8	0.8%	0.8/5		Ø EDIT	O CLEAR COUNTERS	
H 5	US-8	Port 5		Switzhing	Al			0.8	08	0.8/5	0.8/5		Ø corr	O CLEAR COUNTERS	
III - 1	US8-60W-Lab	Port 5	PoE	Switching	Al			2.22 MB	1.01 MB	0.5/5	0 B/s		Ø 6017	CLEAR COUNTERS	
III 5	US-24-250W	Port 5	PoE*	Switzhing	Al			0.8	08	0.8/5	0.8/5		Ø corr	O CLEAR COUNTERS	
III	44:d9x7:ftct@e	Port 5	PoEx	Switching	Al			0.8	0.8	0.0/1	0.8/%		Ø EDIT	CLEAR COUNTERS	
52 6	US8-60W-Lab	Port 6	5.00W	Switzhing	Al	1,000 FDK	Forwarding	160 MB	92.1 MB	234.8/5	64 B/S		Ø 1007	O CLEAR COUNTERS	O POWER CY
6	44:d9x7:ff:ct@e	Port 6	PoEx	Switzhing	Al			0.8	0.0	0.8/1	0.8/4		Ø EDIT	CLEAR COUNTERS	
■ 6	US-24-250W	Port 6	PoE*	Switzhing	Al			0.8	08	0.8/5	0.8/5		Ø som	CLEAR COUNTERS	
6	US-8	Port 6		Switzhing	Al			0.8	0.0	0.8/1	0.8/4		Ø EDIT	CLEAR COUNTERS	
III 7	44x89xe7.#xt8e	Port 7	PoE*	Switzhing	Al			0.8	08	0.8/5	0.8/5		Ø 1007	CLEAR COUNTERS	
7	USB-60W-Lab	Port 7	PoE	Switzhing	Al			1.23 MB	405 KB	0.8/4	0.8/4		Ø EDIT	CLEAR COUNTERS	
III 7	US-8	Port 7		Switzhing	Al			0.8	08	0.86	0.8/5		Ø 1007	O CLEAR COUNTERS	
7	US-24-250W	Port 7	PoE+	Switzhing	Al			0.8	0.0	0.8/s	0 B/s		Ø 1007	O CLEAR COUNTERS	
8	US-8	Port 8		Switzhing	Al	1.000 FOK	Forwarding	12.6 MB	1.03 MB	1.86 88/5	685 B/s	-	Ø 1007	CLEAR COUNTERS	O POWER CY
H •	US-24-250W	Port 8	PoE+	Switching	All			0.8	0.0	0.8/5	0 B/s		Ø 1007	O CLEAR COUNTERS	
52 ×	US8-60W-Lab	Port 8	2.73W	Switching	Al	1,000 FDK	forwarding	343 MB	123 MB	2.88/5	3.77 KB/5		0 corr	CLEAR COUNTERS	O POWER CY
H 1	44.d?e7.ttctile	Port #	PoE+	Switching	AI.			0.8	0.8	0.8/4	OBN		Ø 1007	O CLEAR COUNTERS	

Insights

On the *Insights* screen, the *Switch Stats* filter displays information about the status, ports, PoE, and traffic activity of the UniFi Switches.

Models



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)



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











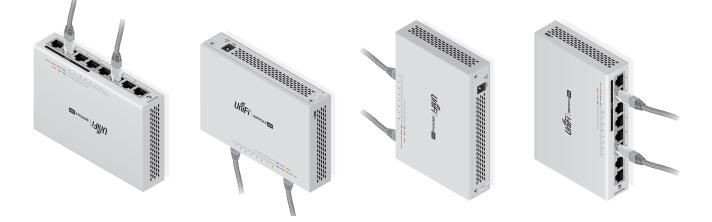


SWITCH 8

Mounting Versatility

The UniFi Switch offers the following mounting options:

• **Wall Mounting** You can attach the UniFi Switch to a vertical surface using the included wall-mounting hardware. You can position the switch so that the ports face in any of four directions: up, down, left, or right.



• **Desktop Placement** You can place the UniFi Switch on a level, horizontal surface such as a table or desktop. The built-in, non-skid rubber feet help hold the switch firmly in place.



Security Slot

To help deter theft, you can attach a lock to the security slot on the side of the UniFi Switch.

Security Slot

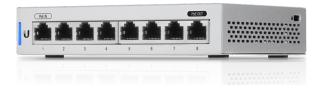




Specifications

Dimensions148.0 x 99.5 x 30.7 mm (5.83 x 3.92 x 1.21)Weight432 g (15.24 oz)Enclosure CharacteristicsSGCC SteelTotal Non-Blocking Throughput8 GbpsSwitching Capacity10 GbpsForwarding Rate11.9 MppsMax. Power ConsumptionPoE Mode 1: 12W (Excluding P6E Output)Max. Poser PoE Wattage per PortPoE Mode 2: 12W @ 802.3at PoE Mode 2: Pasitive 3W PoE		US-8
Enclosure CharacteristicsSGCC SteelTotal Non-Blocking Throughput8 GbpsSwitching Capacity16 GbpsForwarding Rate11.9 MppsMax. Power Consumption12W (Excluding PoE Output)Max. Passive PoE Wattage per PortPoE Mode 1: 12W @ 802.3at PoE Mode 1: 12W @ 402Passive PoE Voltage RangeDepends on Power SourcePower Method(1) DC 48V, Max. 1.25A (1) PoE Input, 802.3 af (Pins +1, 2: -3, 6)Supported Voltage RangeDepends on Power SourcePower Method(1) DC 48V, Max. 1.25A (1) PoE Input, 802.3 af/at (Pins +1, 2: -3, 6)Supported Voltage RangeDC: 48V, 48V Mode: 56V to 40VPower SupplyExternal AC/DC Adapter, 48V, 0.5ALEDs0.7 dBr (Fanless)Networking Interfaces0.7 dBr (Fanless)PoE In Interface (Port 1)POE Mode 1: 802.3af/at (Pins +1, 2: -3, 6) PDE Mode 1: 802.3af/at (Pins +4, 5: -7, 8)PoE Out Interface (Port 8)PoE Mode 1: 40V (Pins +1, 2: -3, 6) PDE Mode 1: 802.3af/at (Pins +4, 5: -7, 8)PoE Out Interface (Port 8)POE Mode 1: 40V (Pins +1, 2: -3, 6) PDE Mode 1: 40V (Pins +1, 2: -3,	Dimensions	148.0 x 99.5 x 30.7 mm (5.83 x 3.92 x 1.21")
Total Non-Blocking Throughput8 GbpsSwitching Capacity16 GbpsForwarding Rate11.9 MppsMax. Power Consumption12W (Excluding PoE Output)Max. Passive PoE Wattage per PortPoE Mode 1:12W @ 802.3at PoE Mode 2:12W @ 48V DC Input Mode: 12W @ 48V, DC DC Input Mode: 12W @ 48V, DC DP EM Mode 1:48V [Pins +1, 2; -3, 6] POE Mode 2:48V (2-Par Pins +4, 5; -7, 8] DC Input Mode: 12W @ 48V (2-Pair Pins +4, 5; -7, 8] DC Input Mode: 12W @ 14V; Contact: 24 KV Contact: 24 KV, Contact: 24 KV Contact: 24 KV, Contact: 24 KV, Co	Weight	432 g (15.24 oz)
Switching Capacity16 GbpsForwarding Rate11.9 MppsMax. Power Consumption12W (Excluding Poe Output)Max. Power ConsumptionPoe Mode 1: 12W @ 802.3at Poe Mode 2: 12W @ 802Max. Passive PoE Wattage per PortPoe Mode 2: 12W @ 48V DC Input Mode: 12W @ 48VPassive PoE Voltage RangeDepends on Power SourcePower Method(1) DC 48V, Max. 1.25A (1) PoE Input, 802.3 af/at (Pins +1, 2; -3, 6)Supported Voltage RangeDetertal AC/DC Adapter, 48V, 0.5APower SupplyExternal AC/DC Adapter, 48V, 0.5ALEDsDC (Port 8), Speed/Link/Activity (AII Ports)Sound Level*0.7 dBr (Fanless)Networking Interfaces(8) 10/100/1000 Mbps RJ45 PortsPoE 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) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5; -7, 8) DC Input Mode: 2: Passive 48W (2-Pair Pins +4, 5	Enclosure Characteristics	SGCC Steel
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Max. Passive PoE Wattage per PortPoE Mode 1: 12W @ 802.3at PoE Mode 2: 12W @ 48V DC Input Mode: 12W @ 48V DC Input Mode: 12W @ 48VPassive PoE Voltage RangeDepends on Power SourcePower Method(1) DC 48V, Max. 1.25A (1) PoE Input, 802.3 af/at (Pins +1, 2; -3, 6)Supported Voltage RangeDC: 48V, 48V Mode: 56V to 40VPower SupplyExternal AC/DC Adapter, 48V, 0.5ALEDsOD: 48V, 48V Mode: 56V to 40VPower SupplyExternal AC/DC Adapter, 48V, 0.5ALEDs0.7 dBr (Fanless)Networking Interfaces(8) 10/100/1000 Mbps RI45 PortsPoE In Interface (Port 1)PoE Mode 1: 802.3af/at (Pins +1, 2; -3, 6) 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 1: 48V (Pins +1, 2; -3, 6) P	Forwarding Rate	11.9 Mpps
NumberPoE Mode 2: 12W @ 48V DC Input Mode: 12W @ 48VPassive PoE Voltage RangeDepends on Power SourcePower Method(1) DC 48V, Max. 1.25A (1) DC 48V, Max. 1.25A (1) DC 48V, Max. 1.25A (1) DC 48V, 48V Mode: 56V to 40VPower SupplyDC: 48V; 48V Mode: 56V to 40VPower SupplyExternal AC/DC Adapter, 48V, 0.5ALEDsPoE (Port 8), Speed/Link/Activity (AII Ports)Sound Level*0.7 dBr (Fanless)Networking Interfaces(8) 10/100/1000 Mbps RJ45 PortsPoE In Interface (Port 1)PoE Mode 1: 802.3af/at (Pins +1, 2; -3, 6)PoE Out Interface (Port 8)PoE Mode 1: 48V (2-Pair Pins +4, 5; -7, 8)PoE Out Interface (Port 8)DC Input Mode: 248V (2-Pair Pins +4, 5; -7, 8)PoE Mode 2: 48V (2-Pair Pins +4, 5; -7, 8)DC Input Mode: DC Passthrough (Pins +1, 2; -3, 6)Management InterfaceEthernet In-Band ManagementESD/EMP ProtectionAir: ± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating TemperatureSto 95% Noncondensing It Sto 95% NoncondensingHotek and VibrationETSI300-019-14.4 standard	Max. Power Consumption	12W (Excluding PoE Output)
Power Method(1) DC 48V, Max. 1.25A (1) PoE Input, 802.3 af/at (Pins +1, 2; -3, 6)Supported Voltage RangeDC: 48V; 48V Mode: 56V to 40VPower SupplyExternal AC/DC Adapter, 48V, 0.5ALEDsPoE (Port 8), Speed/Link/Activity (All Ports)Sound Level*0.7 dBr (Fanless)Networking Interfaces(8) 10/100/1000 Mbps RJ45 PortsPoE In Interface (Port 1)PoE Mode 1: 802.3af/at (Pins +1, 2; -3, 6) PoE Mode 1: 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: 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: 48V (2-Pair Pins +4, 5; -7, 8)Management InterfaceEthernet In-Band Management (Pins +1, 2; -3, 6) PoE Add 1: ± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% Noncondensing ETSi300-019-1.4 Standard	Max. Passive PoE Wattage per Port	PoE Mode 2: 12W @ 48V
Initial Constraints(1) PoE Input, 802.3 af/at (Pins +1, 2; -3, 6)Supported Voltage RangeC: 48V; 48V Mode: 56V to 40VPower SupplyExternal AC/DC Adapter, 48V, 0.5ALEDsPoE (Port 8), Speed/Link/Activity (All Ports)Sound Level*0.7 dBr (Fanless)Networking Interfaces(8) 10/100/1000 Mbps RJ45 PortsPoE 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: 48V (2-Pair Pins +4, 5; -7, 8)PoE Out Interface (Port 8)PoE Mode 2: 48V (2-Pair Pins +4, 5; -7, 8) DC Input Mode: DC Passthrough (Pins +1, 2; -3, 6)Management InterfaceEthernet In-Band ManagementESD/EMP ProtectionAir: ± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% NoncondensingShock and VibrationETSI300-019-1.4 Standard	Passive PoE Voltage Range	Depends on Power Source
Power SupplyExternal AC/DC Adapter, 48V, 0.5ALEDsPoE (Port 8), Speed/Link/Activity (All Ports)Sound Level*0.7 dBr (Fanless)Networking Interfaces(8) 10/100/1000 Mbps RJ45 PortsPoE 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)Management InterfaceDC Input Mode: DC Passthrough (Pins +1, 2;-3, 6) DC Input Mode: DC Passthrough (Pins +1, 2;-3, 6)Management InterfaceEthernet In-Band ManagementESD/EMP ProtectionAir:± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% NoncondensingShock and VibrationETSI300-019-1.4 Standard	Power Method	
LEDsPoE (Port 8), Speed/Link/Activity (All Ports)Sound Level*0.7 dBr (Fanless)Networking Interfaces(8) 10/100/1000 Mbps RJ45 PortsPoE 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: 48V (2-Pair Pins +4, 5; -7, 8)PoE Out Interface (Port 8)PoE Mode 2: Passive 48V (2-Pair Pins +4, 5; -7, 8)Management InterfaceDC Input Mode: DC Passthrough (Pins +1, 2; -3, 6) PoE Mode 2: Passive 48V (2-Pair Pins +4, 5; -7, 8)Management InterfaceEthernet In-Band ManagementESD/EMP ProtectionAir: ± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% NoncondensingShock and VibrationETSI300-019-1.4 Standard	Supported Voltage Range	DC: 48V; 48V Mode: 56V to 40V
Sound Level*0.7 dBr (Fanless)Networking Interfaces(8) 10/100/1000 Mbps RJ45 PortsPoE 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)PoE Out InterfacePoE Mode 1: 48V (Pins +1, 2; -3, 6) PoE Mode 2: Passive 48V (2-Pair Pins +4, 5; -7, 8)Management InterfaceEthernet In-Band ManagementESD/EMP ProtectionAir: ± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% NoncondensingShock and VibrationETSI300-019-1.4 Standard	Power Supply	External AC/DC Adapter, 48V, 0.5A
Networking Interfaces(8) 10/100/1000 Mbps RJ45 PortsPoE 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)Management InterfaceDC Input Mode: DC Passthrough (Pins +1, 2; -3, 6) POE Mode 2: 48V (2-Pair Pins +4, 5; -7, 8)Management InterfaceEthernet In-Band ManagementESD/EMP ProtectionAir: ± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% NoncondensingShock and VibrationETSI300-019-1.4 Standard	LEDs	PoE (Port 8), Speed/Link/Activity (All 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)Management InterfaceDC Input Mode: DC Passthrough (Pins +1, 2; -3, 6)Management InterfaceEthernet In-Band ManagementESD/EMP ProtectionAir: ± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% NoncondensingShock and VibrationETSI300-019-1.4 Standard	Sound Level*	0.7 dBr (Fanless)
PoE Out Interface (Port 8)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 InterfaceEthernet In-Band ManagementESD/EMP ProtectionAir: ± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% NoncondensingShock and VibrationETSI300-019-1.4 Standard	Networking Interfaces	(8) 10/100/1000 Mbps RJ45 Ports
PoE Mode 2: Passive 48V (2-Pair Pins +4, 5; -7, 8) DC Input Mode: DC Passthrough (Pins +1, 2; -3, 6)Management InterfaceEthernet In-Band ManagementESD/EMP ProtectionAir: ± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% NoncondensingShock and VibrationETSI300-019-1.4 Standard	PoE In Interface (Port 1)	
ESD/EMP ProtectionAir: ± 24 kV, Contact: ± 24 kVOperating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% NoncondensingShock and VibrationETSI300-019-1.4 Standard	PoE Out Interface (Port 8)	PoE Mode 2: Passive 48V (2-Pair Pins +4, 5; -7, 8) DC Input Mode: DC Passthrough
Operating Temperature-5 to 45° C (23 to 113° F)Operating Humidity5 to 95% NoncondensingShock and VibrationETSI300-019-1.4 Standard	Management Interface	Ethernet In-Band Management
Operating Humidity 5 to 95% Noncondensing Shock and Vibration ETSI300-019-1.4 Standard	ESD/EMP Protection	Air: ± 24 kV, Contact: ± 24 kV
Shock and Vibration ETSI300-019-1.4 Standard	Operating Temperature	-5 to 45° C (23 to 113° F)
	Operating Humidity	5 to 95% Noncondensing
Certifications CE, FCC, IC	Shock and Vibration	ETSI300-019-1.4 Standard
	Certifications	CE, FCC, IC

* Background noise level: 27.5 dBa



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)
Sound Level*	0.6 dBr (Fanless)
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

* Background noise level: 27.5 dBa



UniFi AP and Video Camera Compatibility

The UniFi Switch is compatible with UniFi Access Points and UniFi G3 Video Cameras, as detailed below.

AP/Camera Model	US-8	US-8-60W	US-8-150W	US-16-150W	US-24-250W	US-24-500W	US-48-500W	US-48-750W
UVC-G3	0	Ó	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
UVC-G3-AF	\checkmark							
UVC-G3-DOME	\checkmark							
UAP	Ó	P	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
UAP-LR	0	0	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
UAP-PRO	\checkmark							
UAP-AC-LITE ¹	\checkmark							
UAP-AC-LR ¹	\checkmark							
UAP-AC-PRO	\checkmark							
UAP-AC-M	\checkmark							
UAP-AC-M-PRO	\checkmark							
UAP-AC-IW ²	\checkmark							
UAP-AC-IW-PRO ²	\checkmark							
UAP-AC-HD	-	-	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark

✓ Compatible with the UniFi switch

Requires Instant 802.3af Gigabit PoE Converter: INS-3AF-I-G 🖉 or INS-3AF-O-G

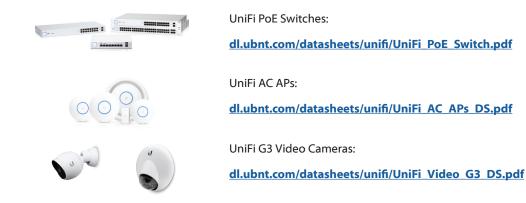
Notes:

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1. UAP-AC-LITE and UAP-AC-LR models manufactured before September 2016 require the Instant 802.3af Gigabit PoE Converter.

2. For the UAP-AC-IW and UAP-AC-IW-PRO, PoE passthrough is supported by all of the switches listed above except for models US-8 and US-8-60W.

Related Product Datasheets



www.ubnt.com

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