

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.

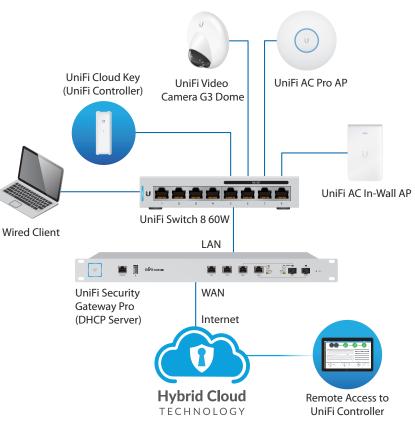
PoE

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.

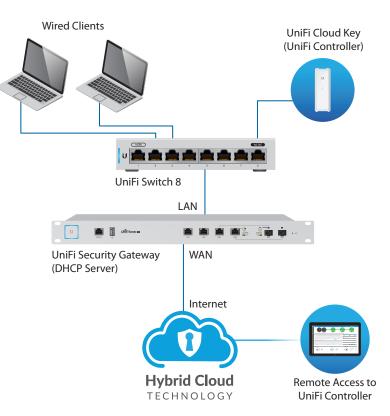
The following table displays the PoE passthrough options for the US-8:

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

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

UĥiFi						2 minutes V Default V UBNT
ALL	24) GATEWAY/SWITCHES (6) AF	(18) PHONES (0)				Search
+	DEVICE NAME	IP ADDRESS	STATUS	MODEL	VERSION	
10	dc:9fxbx00.00.01	192.168.1.1	PENCING APPROVAL	UniFI Switch 8 PDE-60W	4.3.11.4852827	55m 45s (CONNECTED)
-	Attic- US-16-150W	192.168.1.233	CONNECTED	UniFi Switch 16 POE-150W	3.5.1.4088	10d 18h 4
-	DownStairs US-48-500W	192.168.1.191	(000000100)	UniFi Switch 48 POE-500W	3.5.1.4088	4d 21h 55
-	Workshop US-48-750W	192.168.1.246	CONNECTED	UniFi Switch 48 POE-750W	3.5.1.4088	3d 21h 12 = 10ee = DEABLED + Pel+ © 119 BLOCK
-	Rack US-48-750W	192.168.1.6	COMMICTED	UniFi Switch 48 POE-750W	3.5.1.4088	4d 21h 55 Details Parts Configuration
-	PatchPanel US-8-150W	192.168.1.204	(CONNECTED.)	UniFi Switch 8 POE-150W	3.5.1.4088	1d 8h 10e DMLRvIEW
	AC-Broadcom	192.168.1.231	(000000100)	UniFi AP-AC v2	3.5.1.4088	4d 21h 52 Model Uell' Switch 8 Vention Sector-Secon53342.5395
0	AC-LITE	192.168.1.162	CONNECTED	UniFi AP-AC-Lite	3.6.1.3553	3d 21h 13 P Adress 192,5481,203 Unline 4h 20n 45s
0	AC-LR-Basement	192.168.1.137	COMMICTED	UniFi AP-AC-LR	3.6.1.3553	4d 21h 54 Memory Usign 38% Liand Average 126 / 135 / 141 (9
0	44:09:e7:02:04:33	192.168.1.197	(CONNECTED.)	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 DOWNUNKS
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	COMMICTER	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	1d8h 9m
0	AC-Pro-Crawlspace	192.168.1.134	C00000782	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 Bm
	Sitting	192.168.1.124	(сонногия)	UniFi AP-In Wall	3.5.1.4088	1d 8h 8m
	Master	192.168.1.158	CONNECTED	UniFi AP-In Wall	3.5.1.4088	1d 8h 8m 📃 2 Port 2 🥒
1	Loft	192.168.1.139	COMMICTED	UniFi AP-In Wall	3.5.1.4088	1d 8h 8m 4 Part4
	Basement	192.168.1.140	(()))))))))))))))))))))))))))))))))))))	UniFi AP-In Wall	3.5.1.4088	1d8h8m 🗆 s Ports PoC- 🧷
	24a43c9421d9	192.168.1.122	(UniFi AP-Outdoor+	3.5.1.4088	3d 17h 22 6 Pet 6 Pet 7 300 F0X 346Hz Pet 7
0	Pro-roamtest2	192.168.1.164	CONNECTED	UniFi AP-Pro	3.5.1.4088	1d8h20r a Parts Pol- /
	Pro-roamtest	192.168.1.141	CONNECTER	UniFLAP-Pro	3.5.1.4088	3d 216 16 / 100 marries

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	rs 🗸 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-SOW-Lab	Port 1		Switching	Al	1,000 FOK	Forwarding	4.39 GB	247 MB	4.38 MB/s	124 KE/s	-	Ø EDIT	CLEAR COUNTERS	
1	44x89xe7.85x18e	Port 1	PoE+	Switching	All	1.000 FOX (Uplink)	Forwarding	8.43 88	8.12 KB	4.35 KB/S	1.62 KB/S	-		CLEAR COUNTERS	
1	US-8	Port 1		Switching	All	1,000 FOK	Forwarding	784 KD	1.14 MB	295 B/s	208.8/5	-	Ø 101	O CLEAR COUNTERS	
1	US-24-250W	Port 5	PoE*	Switzhing	All			0.8	08	0.8/5	08/5		/ EDIT	O CLEAR COUNTERS	
2	US-24-250W	Port 2	4.21W	Switzhing	All	1,000 FDK	Forwarding	176-68	155 MB	4.07 MB/s	97.8 K23/s		Ø EDIT	CLEAR COUNTERS	O POWER C
2	US8-SOW-Lib	Port 2		Switzhing	All	1.000 FOK	Forwarding	11.6 MB	748 KB	38.5 KE/S	1.96 82/5	-	/ EDIT	CLEAR COUNTERS	
2	44.d9x7.ff.ctBe	Port 2	PoE+	Switzhing	All			0.8	0.0	0.8/s	0 B/s		Ø EDIT	CLEAR COUNTERS	
2	US-8	Port 2		Switzhing	All	1.000 FOX (Uplink)	Forwarding	785 KB	11.7 MB	9298/5	1.92 828/5	=	/ EDIT	CLEAR COUNTERS	
I 2	USB-SOW-Lab	Port 3		Switzhing	Al			955 KB	297 KB	0.8/s	0 B/N		Ø EDIT	CLEAR COUNTERS	
3	US-24-250W	Port 3	PoE+	Switzhing	All			0.8	08	0.8/5	0.8/5			O CLEAR COUNTERS	
I 2	44:d9xe7.ttictile	Port 3	PoE+	Switching	Al			0.8	0.8	0.8/s	0 B/s		Ø 1001	CLEAR COUNTERS	
3	US-8	Port 3		Switzhing	All			0.8	08	0.8/5	0.8/5		Ø 1007	O CLEAR COUNTERS	
	US8-SOW-Lab	Port 4		Switzbing	All	1,000 FDK (Uplink)	Forwarding	264 MB	4.64 GB	125 KB/S	4.41 MB/s		Ø 100	O CLEAR COUNTERS	
4	44xd9xe7.ftxt8e	Port 4	Pote	Switching	All			0.8	08	0.8/5	0.8/5		Ø 100	CLEAR COUNTERS	
II 4	US-8	Port 4		Switching	All			0.8	08	O B/S	O B/S		Ø 1001	O CLEAR COUNTERS	
4	US-24-250W	Port 4	PoE+	Switching	All			0.8	0.8	0.5/5	0.8/5		D EDIT	CLEAR COUNTERS	
I 5	US-8	Port 5		Switzbing	All			0.8	08	0.8/5	ORS		Ø EDIT	O CLEAR COUNTERS	
I 5	US8-60W-Lab	Port 5	PoE	Switching	All			2.22 MB	1.01 MB	0.5/5	0.8/5		Ø EDIT	CLEAR COUNTERS	
II 5	US-24-250W	Port 5	Po€+	Switching	All			0.8	08	0.8/5	08/5		Ø 1001	O CLEAR COUNTERS	
	44xd9xe7.thct.8e	Port 5	Pot×	Switzhing	Al			0.8	0.8	0.8/s	0.8/5		Ø EDIT	CLEAR COUNTERS	
E2 6	US8-SOW-Lab	Port 6	5.00W	Switching	All	1.000 FOK	Forwarding	160 MB	92.1 MB	234 8/5	64 B/S	-	/ EDIT	O CLEAR COUNTERS	O POWER C
6	44xd9xe7.thctille	Port 6	Pote	Switching	All			0.8	0.0	0.8/s	0.0/6		Ø EDIT	CLEAR COUNTERS	
I 4	US-24-250W	Port 6	PoE+	Switching	All			0.8	08	0.8/5	085		Ø 1001	CLEAR COUNTERS	
6	US-8	Port 6		Switzhing	All			0.8	0.0	0.8/s	0.8/5		Ø EDIT	CLEAR COUNTERS	
I 7	44d9e7.ftct8e	Port 7	PoE+	Switzhing	Al			0.8	08	0.8/5	085		Ø 1001	CLEAR COUNTERS	
7	USB-SOW-Lab	Port 7	PoE	Switzhing	All			1.23 MB	405 KB	0.8/4	0.8/4		Ø 100	O CLEAR COUNTERS	
7	US-8	Port 7		Switzbing	All			0.8	08	0.8/5	0.8/5		/ sorr	CLEAR COUNTERS	
7	US-24-250W	Port 7	PoE+	Switzhing	Al			0.8	0.0	0.8/s	0 B/s		Ø 100	O CLEAR COUNTERS	
13 8	US-8	Port 8		Switzbing	All	1,000 FDK	Forwarding	12.6 MB	1.03 MB	1.85 88-5	685 8/5		/ sor	CLEAR COUNTERS	O POWER C
H •	US-24-250W	Port 8	PoE+	Switching	All			0.8	0.0	0.8/s	O B/s		0 EDIT	O CLEAR COUNTERS	
53 8	US8-SOW-Lab	Port 8	2.73W	Switzhing	All	1.000 FOK	Forwarding	343 MB	123 MB	2.885	3.77 826/5		0 5017	CLEAR COUNTERS	O POWER C
	44.d9xe7.thctile	Port #	PoE+	Switching	Al			0.8	0.8	ORN	OBN		Ø 100	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













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



Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: www.ubnt.com/support/warranty Spectrators are subject to large. During the product product product are soft with a mining version of a www.hor.com/subject was applied with the second of the soft and the s respective owners.