UBIQUITI® NETWORKS

In-Wall WiFi 6 Access Point & 4-Port PoE Compliant Gigabit Switch

U6-IW-US

SKU: 142369   UPC: 0810010077622

Expand your business's Wi-Fi coverage and network capacity with UniFi U6 In-Wall Dual-Band Wi-Fi Access Point & 4-Port PoE Compliant Gigabit Switch. This versatile device primarily performs as a Wi-Fi 6 (802.11ax) access point that's designed for in-wall installations, where it may discreetly blend in with the environment while providing up to 5.3 Gb/s data transfers over the 2.4 GHz and 5 GHz bands. It also includes four Gigabit Ethernet ports, one of which supports up to 15.4W PoE to operate compatible devices such as VoIP phones and additional access points.

Features

- Wi-Fi 6 (802.11ax)
- Up to 5.3 Gb/s Throughput
- 2.4 GHz / 5 GHz (Dual-Band)
- 4 x Gigabit Ethernet LAN Ports
- 1 x PoE Compliant Output Port
- 1 x Gigabit PoE Compliant Uplink Port
- In-Wall Mounting
- Includes Mounting Kit
- Works with UniFi Network Application

Dimensions	5.5 x 3.8 x 1.3"
Weight	1 lb
Enclosure material	Plastic, aluminum
Mount material	Aluminum
Networking interface	(1) Data-in: GbE RJ45 port (4) Data-out: GbE RJ45 ports
Management interface	Ethernet Bluetooth
PoE interface	(1) PoE in (PoE output not used) (1) PoE out (Requires a PoE+ switch)
Power method	PoE PoE+ (Required for PoE output)
Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (Optional)
Max. power consumption	13W (Excluding PoE output)
Max PoE wattage per port by PSE	15.4W* *Requires a PoE+ switch
Voltage range PoE mode	44—57V DC
Max. TX power 2.4 GHz 5 GHz 6 GHz	 22 dBm 26 dBm –

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MIMO	
2.4 GHz	2 x 2 (UL MU-MIMO)
5 GHz	4 x 4 (DL/UL MU-MIMO)
6 GHz	–
Throughput rate	
2.4 GHz	573.5 Mbps
5 GHz	4.8 Gbps
6 GHz	
Antenna gain	
2.4 GHz	5 dBi
5 GHz	5.9 dBi
6 GHz	–
LED	White/blue
Button	Factory reset
Mounting	Wall (included)
Ambient operating temperature	-30 to 60° C (-22 to 140° F)
Ambient operating humidity	5 to 95% noncondensing
WiFi standards	802.11a/b/g/n/ac/ax
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
BSSID	8 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting
UniFi Network	Version 6.4.52 and later

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