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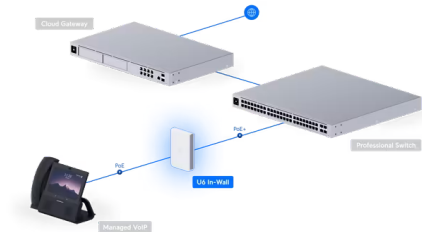
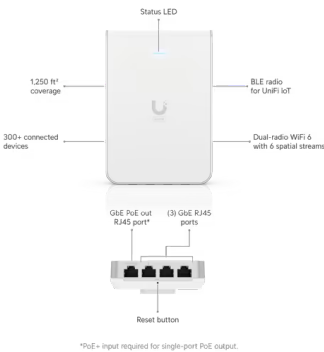
Wall > U6 In-Wall

Datasheet

In The Box

Marketing Images

Installation Guide



Overview

Dimensions	139.7 x 96 x 31.2 mm (5.5 x 3.8 x 1.3")
WiFi Standard	WiFi 6
Spatial Streams	6
Coverage Area	115 m ² (1,250 ft ²)
Max. Client Count	300+
Uplink	GbE
Mounting	Wall (Mount Included)
Power Method	PoE PoE+ (Required for PoE output)

^ Performance

MIMO

5 GHz	4 x 4 (DL/UL MU-MIMO)
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2.4 GHz	2 x 2 (DL/UL MU-MIMO)
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Max. Data Rate

5 GHz	4.8 Gbps (BW160)
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2.4 GHz	573.5 Mbps (BW40)
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Antenna Gain

5 GHz	5.9 dBi
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2.4 GHz	5 dBi
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Max. TX Power

5 GHz	26 dBm
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2.4 GHz	22 dBm
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Max. BSSIDs

8 per Radio

Supported Data Rates

802.11ax (WiFi 6)	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)
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802.11ac (WiFi 5)	6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
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802.11n	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
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^ Features

Wireless Meshing	✓
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Band Steering	✓
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802.11v BSS Transition Management	✓
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802.11r Fast Roaming	✓
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802.11k Radio Resource Management (RRM)	✓
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Advanced Radio Management	✓
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Passpoint (Hotspot 2.0)	✓
Captive Hotspot Portal	
Custom Branding Landing Page	✓
Voucher Authentication	✓
Payment-Based Authentication	✓
External Portal Server Support	✓
Password Authentication	✓
Guest Network Isolation	✓
Private Pre-Shared Key (PPSK)	✓
WiFi Speed Limiting	✓
Client Device Isolation	✓
WiFi Schedules	✓
RADIUS over TLS (RadSec)	✓
Dynamic RADIUS-assigned VLAN	✓
^ Hardware	
Max. Power Consumption	13W (Excluding PoE output)
Networking Interface	(1) Data-in: GbE RJ45 port (4) Data-out: GbE RJ45 ports
Weight	460 g (1 lb)
Management	Ethernet Bluetooth
Built-In Switch	(4) GbE ports with (1) PoE output
Enclosure Material	Plastic, aluminum
Mount Material	Aluminum
LEDs	
System	White/Blue
Channel Bandwidth	HT 20/40, VHT 20/40/80/160, HE 20/40/80/160 (MHz)
Certifications	CE, FCC, IC

NDAA Compliant	✓
Operating Frequency	US/CA: 2400 - 2472 MHz U-NII-1: 5150 - 5250 MHz U-NII-2A: 5250 - 5350 MHz U-NII-2C: 5470 - 5725 MHz U-NII-3: 5725 - 5850 MHz Worldwide: 2400 - 2483.5 MHz 5150 - 5725 MHz
Ambient Operating Temperature	-30 to 60° C (-22 to 140° F)
Ambient Operating Humidity	5 to 95% noncondensing

^ **Software**

Application Requirements

UniFi Network	Version 6.0.45 and later
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Stay in Touch



