

Product:

UAP-IW-HD

Overview

Dimensions	139.7 x 86.7 x 25.8 mm (5.5 x 3.4 x 1")
WiFi Standard	WiFi 5
Spatial Streams	6
Coverage Area	90 m ² (1,000 ft ²)
Max. Client Count	200+
Uplink	GbE
Mounting	Wall (Mount Included)
Power Method	PoE PoE+(Required for PoE passthrough)

Performance

Max. BSSIDs	8 per Radio
MIMO	
5 GHz	4 x 4 (DL MU-MIMO)
2.4 GHz	2 x 2 (DL MU-MIMO)
Max. Data Rate	
5 GHz	1.7 Gbps (BW80)
2.4 GHz	300 Mbps (BW40)
Antenna Gain	
5 GHz	4 dBi
2.4 GHz	1.8 dBi

Max. TX Power

5 GHz	26 dBm
2.4 GHz	23 dBm

Supported Data Rates

802.11ac (WiFi 5)	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80) 58 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 160)
802.11n	6.5 Mbps to 300 Mbps (MCS0 -MCS15, HT 20/40)

Features

Wireless Meshing	✓
Band Steering	✓
802.11v BSS Transition Management	✓
802.11r Fast Roaming	✓
802.11k Radio Resource Management (RRM)	✓
Advanced Radio Management	✓
Passpoint (Hotspot 2.0)	✓
Private Pre-Shared Key (PPSK)	✓
WiFi Speed Limiting	✓
Client Device Isolation	✓
WiFi Schedules	✓
RADIUS over TLS (RadSec)	✓
Dynamic RADIUS-assigned VLAN	✓

Captive Hotspot Portal

Custom Branding Landing Page	✓
Voucher Authentication	✓
Payment-Based Authentication	✓
External Portal Server Support	✓
Password Authentication	✓
Guest Network Isolation	✓

Hardware

Max. Power Consumption	11W (Excluding PoE output)
Supported Voltage Range	44–57V DC
Networking Interface	(5) GbE RJ45 ports
Weight	210 g (7.4 oz)
Management	Ethernet
Built-In Switch	(4) GbE ports with (1) PoE output
Enclosure Material	Polycarbonate
Channel Bandwidth	HT 20/40, VHT 20/40/80/160 (MHz)
NDAA Compliant	✓
Certifications	CE, FCC, IC, cULus
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

-10 to 60° C (14 to 140° F)

Ambient Operating Humidity

5 to 95% noncondensing

LEDs

System

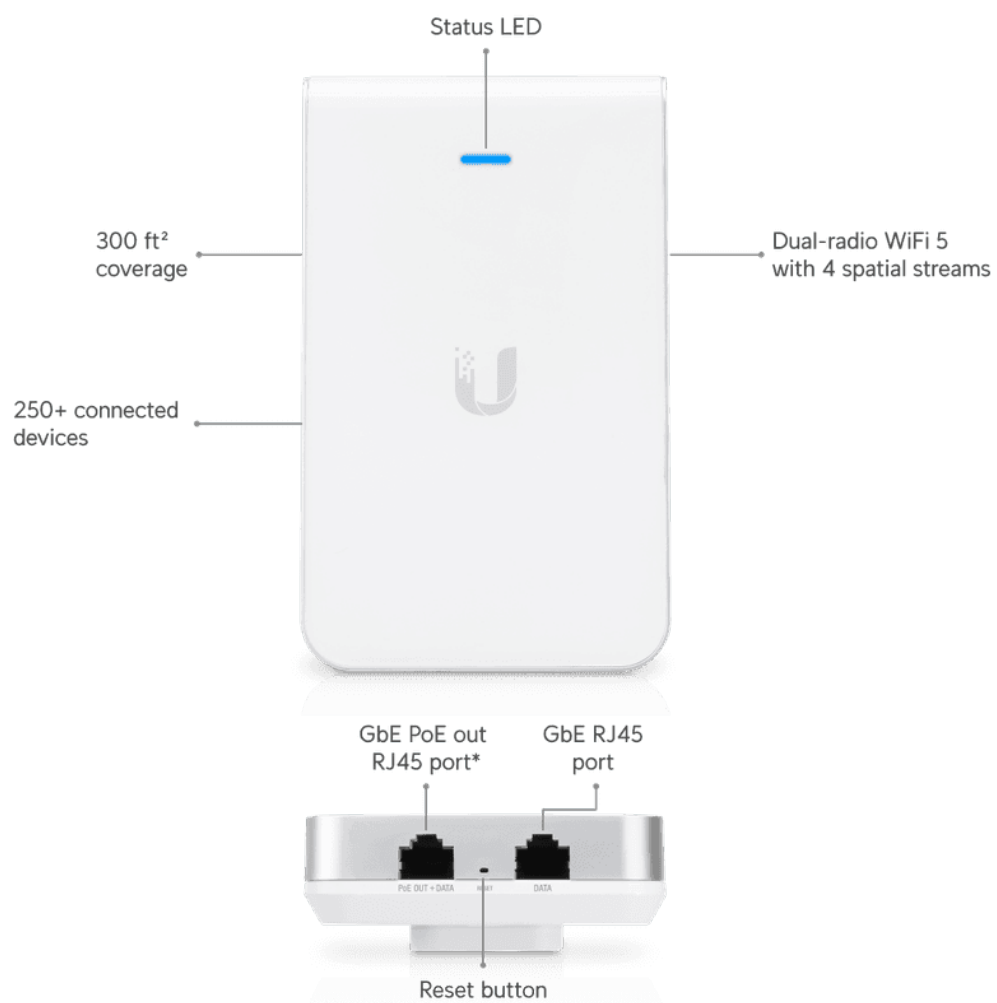
Status

Software

Application Requirements

UniFi Network

Version 6.0.45 and later



*PoE+ input required for single-port PoE output.



Datasheet

