UniFi® HD IN-WALL

In-Wall 802.11ac Wave 2 Wi-Fi Access Point

Model: UAP-IW-HD

Simultaneous Dual-Band 4x4 Multi-User MIMO

Four-Stream 802.11ac Wave 2 Technology

802.3af/802.3at PoE Compatibility

UBIQUITI
N E T W O R K S

UAP-IW-HD Specifications

UAP-IW-HD	
Dimensions	139.7 x 86.7 x 25.75 mm (5.5 x 3.41 x 1.01")
Weight	210 g (7.41 oz)
Networking Interface	(5) 10/100/1000 Ethernet Ports
Buttons	Reset
Power Method	802.3af PoE 802.3at PoE+
Supported Voltage Range	44 to 57VDC
Power Supply	UniFi Switch (PoE)
PoE Out	48V Passthrough (Pins +1, 2; -3, 6)
Power Save	Supported
Beamforming	Supported
Maximum Power Consumption with PoE Passthrough	11W 23W*
TX Power 2.4 GHz 5 GHz	 23 dBm 26 dBm
Antennas Dual-Band Single-Band	 (2) Single-Port, Single-Polarity Dual-Band Antennas, 2.4 GHz: 1.8 dBi Each, 5 GHz: 3.4 dBi Each (2) Single-Port, Dual-Polarity, Single-Band Antennas, 5 GHz: 6 dBi Each
Wi-Fi Standards	802.11 a/b/g/n/r/k/v/ac/ac-wave2
Wireless Security	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 802.11w/PMF
BSSID	Up to 8 per Radio
Mounting	1-Gang Electrical Wall Box (Not Included)
Operating Temperature	-10 to 60° C (14 to 140° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	CE, FCC, IC

* Requires 802.3at PoE+ switch

Advanced Traffic Management	
VLAN	802.1Q
Advanced QoS	Per-User Rate Limiting
Guest Traffic Isolation	Supported
WMM	Voice, Video, Best Effort, and Background
Concurrent Clients	200+

Supported Data Rates (Mbps)	
Standard	Data Rates
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11ac	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)
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps