

# Tech Specs

UniFi UISP Branding

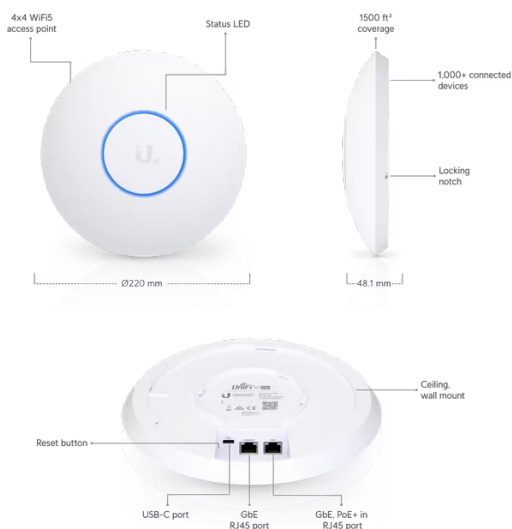
- UniFi Cloud Gateways
- WiFi
- Switching
- Cloud Keys & Gateways
- Camera Security
- Door Access
- Phone System
- New Integrations
- Accessories

WiFi > AC SHD

Datasheet

Installation Guide

Marketing Images



\*48V DC, 0.5A GbE PoE+ adapter included with single unit purchases.

## Mechanical

Dimensions: Ø220 x 48.1 mm (Ø8.7 x 1.9")

Weight: Without mount: 700 g (1.5 lb)  
With mount: 830 g (1.8 lb)

## Hardware

Networking interface: (2) GbE RJ45 ports

Power method: PoE+

Power supply: UniFi PoE Switch\*  
\*5-packs do not come with PoE adapters.

Supported voltage range: 44—57 VDC

Max. power consumption: 20W

Max. TX power:  
2.4 GHz: 25 dBm  
5 GHz: 25 dBm

MIMO:  
2.4 GHz: 4 x 4  
5 GHz: 4 x 4

Throughput rate:  
2.4 GHz: 800 Mbps  
5 GHz: 1733 Mbps

Antenna gain:  
2.4 GHz: 6 dBi  
5 GHz: 6 dBi

Button	Factory reset
Mounting	Wall/ceiling (Included)
Operating temperature	-10 to 70° C (14 to 158° F)
Operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC, cULus

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## Software

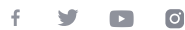
WiFi standards	802.11a/b/g/n/ac/ac-Wave2
Wireless security	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 802.11w (PMF)
BSSID	Up to 8 per radio
VLAN	802.1Q
Advanced QoS	Per-user rate limiting
Power save	Supported
Guest traffic isolation	Supported
Power save	Supported
WMM	Voice, video, best effort, and background
Concurrent clients	1000+

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## Supported Data Rates (Mbps)

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n	6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40)
802.11ac	6.5 Mbps to 1.7Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80)

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