

DS-3WAP5212E-EI Wi-Fi 5 1200M Ceiling Access Point



DS-3WAP5212E-EI is an indoor 802.11ac AP product with dual-frequency four-flow design, which meets the wireless coverage requirements of small, medium and micro enterprises

- 1 × 10/100 Mbps PoE in port, 1 × 10/100 Mbps RJ45 port
- 802.11ac Wave 2 1200 Mbps
- Auto RF Optimization
- Wide Signal Coverage
- Reliable Wi-Fi Connection
- Outstanding Wall Penetration

▪ Specification

General	
Net Weight	0.36 kg (0.79 lb)
Gross Weight	0.6 kg (1.32 lb)
Installation Mode	Ceiling Mounting
Working Temperature	0°C to 40°C (32°F to 104°F)
Working Humidity	10% to 90% (no condensation)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Storage Humidity	5% to 95% (no condensation)
Product Dimensions (W × H × D)	Ø220 mm × 49.7 mm (excluding bracket)
Power Supply Method	DC power supply: 12 V, 1.5 A; PoE power supply: IEEE 802.3at;
Packing List	1200 M Access Point × 1, Screw Pack × 1, Installation bracket × 1, Quick Start Guide × 1, Regulatory Compliance and Safety Information × 1
Max. Power Consumption	18 W
Wireless Parameter	
Wireless Speed	Max: 1167 Mbps; 2.4G: 300 Mbps; 5G: 867 Mbps;
Wireless Standard	Wi-Fi 5
Working Frequency Band	Radio 1: 5G (11a/n/ac); Radio 2: 2.4G (11b/g/n);
Bandwidth	2.4G: Auto/20/40 MHz; 5G: Auto/20/40/80 MHz;
Recommended Coverage Range	Recommended Coverage Range: 140 m ² , the radius in an open environment is 25 meters. Note: The signal coverage range is greatly affected by the environment. For example, walls, glass doors, and other obstacles will affect the signal coverage. The above - mentioned values are for reference only.
Max. Number of Connected Clients	128
Recommended Number of Connected Clients	50
Spatial Streams	2.4G: 2 × 2, MU-MIMO 5G: 2 × 2, MU-MIMO
Transmitting Power	2.4G: Combined power: 28 dBm; 5G: Combined power: 28 dBm; Note: The actual transmission power varies according to regulations in different countries and regions;
Wireless Security	WPA2-PSK, WPA-WPA2-PSK
Antenna Type	Built-in omnidirectional antennas
Antenna Gain	2.4 GHz: 3.5 dBi 5 GHz: 4.5 dBi
Hardware Specifications	
Ports	1 × 10/100 Mbps PoE in port, 1 × 10/100 Mbps RJ45 port
RESET	1 × Reset hole

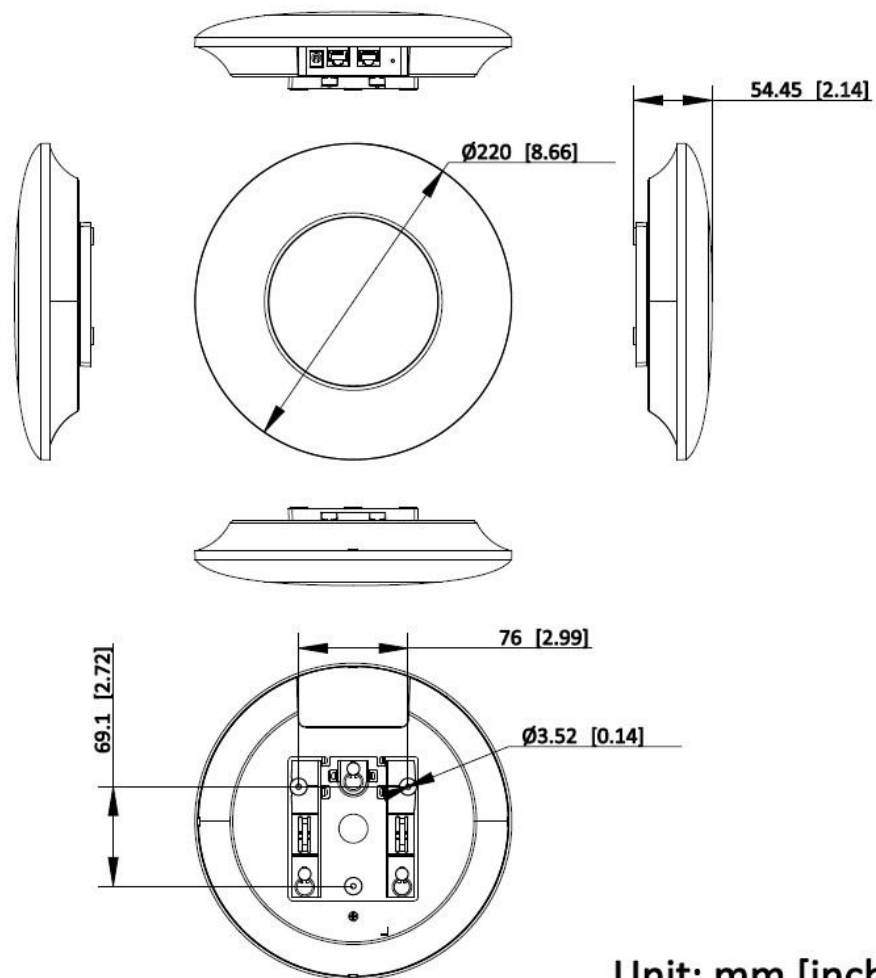
Software Specifications	
Max. Number of Wireless SSIDs	7
Internet Access Mode	DHCP,Static
VLAN ID Range	1~4000
Max. Number of VLANs	8
Software Features	
Operation Mode	AP mode (default); Routing mode;
Wireless Management	Support wireless configuration; Support RF configuration; Support Health Mode; Support guest SSID; Support wireless roaming; Support wireless optimization; Support wireless SSID speed limit; Support wireless RF speed limit; Support wireless intelligent speed limit; Support wireless terminal speed limit; Support weak signal access control; Support weak signal to kick offline; Support roaming sensitivity adjustment; Support wireless access control; Support wireless terminal association;
Interface	Support uplink port VLAN; Support MAC address modification; Support LAN configuration; Support Port VLAN;
IP Services	Support DHCP Client; Supports DHCP Server; Support LLDP; Support SADP;
Service and Support	Support NAT Traversal; Support Audit Log; Support Fault Diagnosis; Support Fault Alarm; Support One-Click Fault Collection; Support Network Diagnostic Tools; Support SSH; Support Cloud Service Diagnosis; Support Local Upgrade; Support Online Upgrade; Support Cloud Service; Support App Management;
Approval	
EMC	CE-EMC (EN 55032:2015/A1:2020 EN 55035:2017/A11:2020 EN IEC 61000-3-2:2019/A2:2024 EN 61000-3-3:2013/A2:2021 EN 50130-4:2011/A1:2014)
Safety	CB (IEC 62368-1: 2018), CE-LVD (EN IEC 62368-1: 2020+ A11: 2020)

Chemistry	CE-RoHS (2011/65/EU), WEEE (2012/19/EU), Reach (Regulation (EC) No.1907/2006)
Radio	EN 300 328, EN 300 440, EN 301 893, EN 301 489-1, EN 301 489-3, EN 301 489-17, EN 61000-3-3: 2013+ A1:2019+A2: 2021, EN IEC 61000-3-2: 2019+A1: 2021+A2: 2024, EN IEC 62311: 2020

▪ Available Model

DS-3WAP5212E-EI

▪ Dimension



Unit: mm [inch]

SCALE	1:1
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