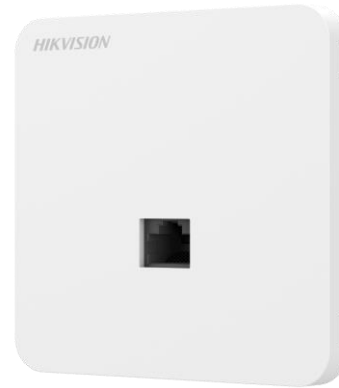


DS-3WAP5112E-EI Wi-Fi 5 1200M Wall-Plate Access Point



DS-3WAP5112E-EI wireless access point is a new generation of panel 802.11ac AP products developed by IEEE 802.11 working group, the whole machine dual-frequency four-current, the maximum access rate of the whole machine 1167Mbps, simple installation, can be installed on the 86mm panel cassette, without destroying the original decoration. Strong management ability. It is suitable for school dormitories, hospital wards, hotel rooms and other dense room places, solving the problem of poor signal quality in the traditional AP layout mode in these scenarios, and greatly reducing the installation cost and operating costs brought by the implementation.

Note: For optimal performance, EI Series APs should be used in conjunction with EI Series smart managed routers (AC) only, and vice versa.

- 1× 10/100 Mbps PoE in port, 1 × 10/100 Mbps RJ45 port
- 802.11ac Wave 2 1200 Mbps
- 86 mm Wall Junction Box for Easy Installation
- Seamless Roaming
- Wide Signal Coverage
- Reliable Wi-Fi Connection

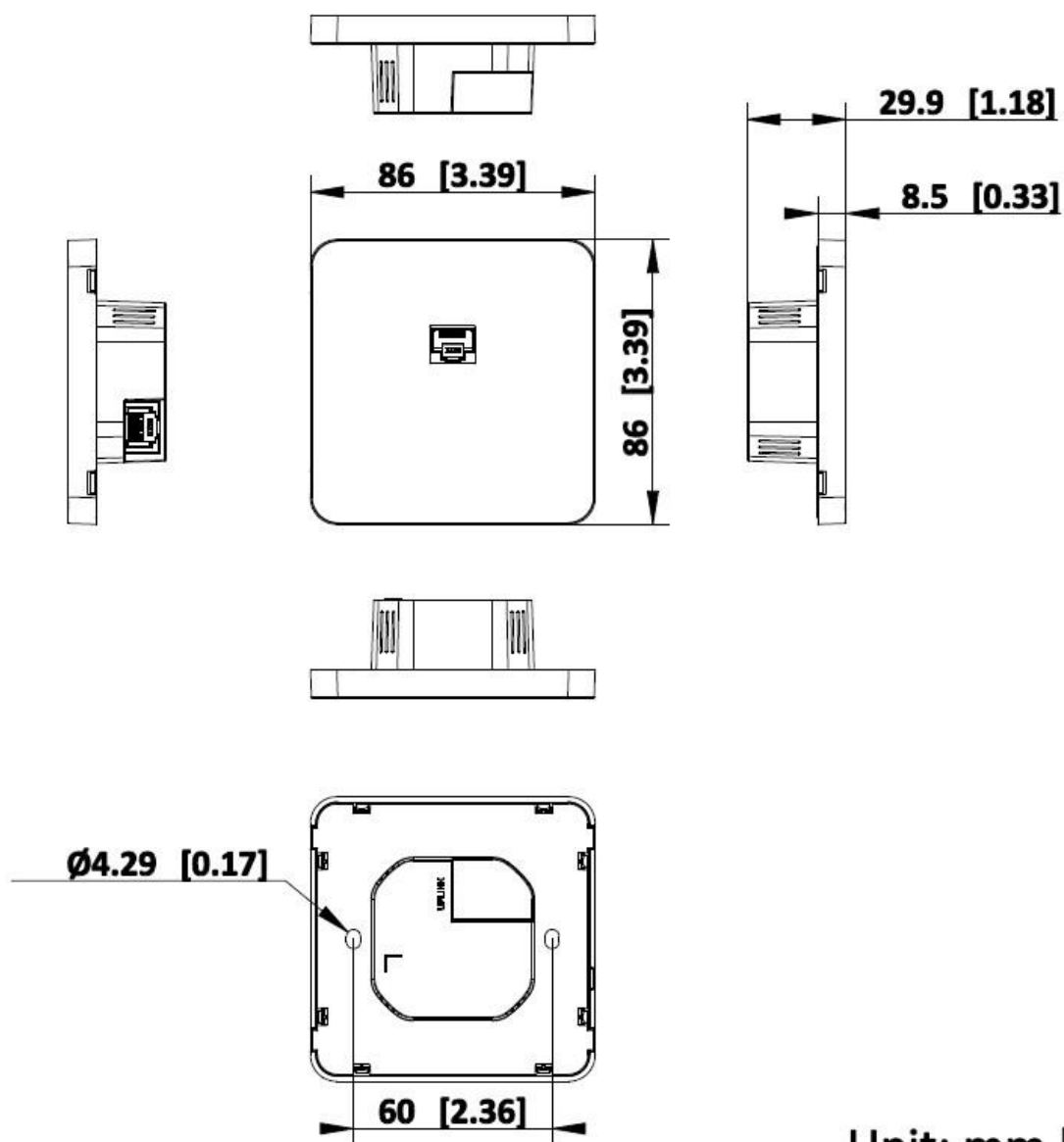
• Specification

General	
Net Weight	0.10 kg (0.22 lb)
Gross Weight	0.15 kg (0.33 lb)
Installation Mode	In-Wall 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)	86 mm × 86 mm × 29.9 mm
Packing List	1200 M Access Point × 1, Screw Pack × 1, Quick Start Guide × 1, Regulatory Compliance and Safety Information × 1
Power Supply Method	PoE power supply: IEEE 802.3af, IEEE 802.3at
Power Consumption	Standby Power Consumption: 3.5W Typical Power Consumption: 6W Maximum Power Consumption: 9.5W
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: 40 m ² , the radius in an open environment is 15 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.
Modulation	OFDM: BPSK @ 6/9 Mbps, QPSK @ 12/18 Mbps, 16-QAM @ 24 Mbps, 64-QAM @ 48/54 Mbps DSSS: DBPSK @ 1 Mbps, DQPSK @ 2 Mbps, and CCK @ 5.5/11 Mbps MIMO-OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
Max. Number of Connected Clients	128
Recommended Number of Connected Clients	40
Transmitting Power	2.4G: Combined power: 20 dBm; 5G: Combined power: 21 dBm; Note: The actual transmission power varies according to regulations in different countries and regions;
Wireless Security	WPA2-PSK, WPA-WPA2-PSK
Antenna	Integrated 2.4 GHz and 5 GHz: 2 built-in omnidirectional antennas
Antenna Gain	2.4 GHz: 3.1 dBi 5 GHz: 3.1 dBi

RF Design	Dual-radio 4 spatial streams 2.4G: 2 × 2, MU-MIMO 5G: 2 × 2, MU-MIMO
FEM	2.4 GHz: 2 x eFEM 5 GHz: 2 x iFEM
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 802.11k/v 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; Support Band steering; Support AP load balancing; Support smart antenna technology (beamforming), improving the signal's strength on clients;
Interface	Support uplink port VLAN; Support MAC address modification; Support LAN configuration; Support Port VLAN; Support IPTV;
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; Support CAPWAP DTLS encryption;
Approval	
EMC	CE-EMC (EN 55032: 2015+A11: 2020+A1:2020 EN 61000-3-3: 2013+ A1: 2019+A2: 2021 EN IEC 61000-3-2: 2019+A1: 2021+A2: 2024 EN 55035: 2017+A11: 2020)
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

▪ Dimension



Unit: mm [inch]

SCALE	1:1
-------	-----

See Far, Go Further



www.hikvision.com
support@hikvision.com

