

DS-3WAP6118-EI Wi-Fi 6 1800M In-Wall Access Point



DS-3WAP6118-EI wireless access point is a new generation of panel 802.11ax AP products developed by IEEE 802.11 working group, the whole machine dual-frequency four-current, the maximum access rate of the whole machine 1.775Gbps, 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.

- 1 × Gigabit PoE in port, 1 × Gigabit RJ45 port
- Wi-Fi 6 Dual Band 1800 Mbps
- 86 mm Wall Junction Box for Easy Installation
- Seamless Roaming
- Wide Signal Coverage
- Reliable Wi-Fi Connection

▪ Specification

General	
Net Weight	0.13 kg (0.29 lb)
Gross Weight	0.19 kg (0.42 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 × 40.6 mm
Power Supply Method	PoE power supply: IEEE 802.3af, IEEE 802.3at
Packing List	1800 M Access Point × 1, Screw Pack × 1, Quick Start Guide × 1, Regulatory Compliance and Safety Information × 1
Max. Power Consumption	13 W
Wireless Parameter	
Wireless Speed	Max: 1775 Mbps; 2.4G: 574 Mbps; 5G: 1201 Mbps;
Wireless Standard	Wi-Fi 6
Working Frequency Band	Radio 1: 5G (11a/n/ac/ax); Radio 2: 2.4G (11b/g/n/ax);
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.
Max. Number of Connected Clients	256
Recommended Number of Connected Clients	100
Spatial Streams	2.4G: 2 × 2, MU-MIMO 5G: 2 × 2, MU-MIMO
Transmitting Power	2.4G: Combined power: 23 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, WPA3-PSK, WPA2-WPA3-PSK
Antenna Type	Built-in omnidirectional antennas
Antenna Gain	2.4 GHz: 2.4 dBi 5 GHz: 2.5 dBi
Hardware Specifications	
Ports	1 × Gigabit PoE in port, 1 × Gigabit RJ45 port
RESET	1 × Reset hole

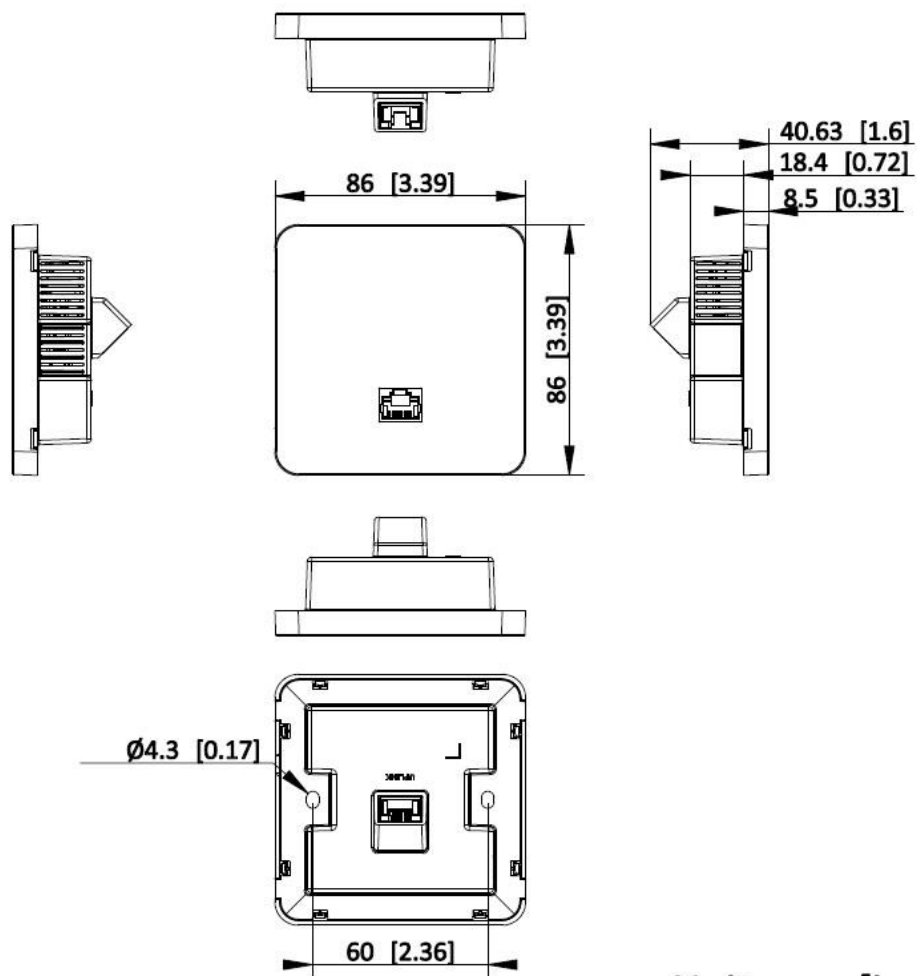
Software Specifications	
Max. Number of Wireless SSIDs	8
Internet Access Mode	DHCP,Static
VLAN ID Range	1~4000
Max. Number of VLANs	8
Software Features	
Operation Mode	AP mode (default); Routing mode;
Wireless Management	Support wireless configuration; Support RF configuration; Support Health Mode; Support 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; 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;
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 62368-1:2014/A11: 2017)
Chemistry	CE-RoHS (2011/65/EU), WEEE (2012/19/EU), Reach (Regulation (EC) No.1907/2006)
Radio	EN 50385, EN IEC 62311, EN 62311, EN IEC 62368-1, EN 301 489-1, EN 301 489-3, EN 301 489-17, EN 55032, EN 55035, EN IEC 61000-3-2, EN 61000-3-3, EN 50130-4, EN 300 328, EN 301 893, EN 300 440

▪ Available Model

DS-3WAP6118-EI

▪ Dimension



Unit: mm [inch]

SCALE	1:1
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