

DS-3WAP5312-EI
Wi-Fi 5 1200M Outdoor Access Point

This Wi-Fi 5 outdoor AP is specifically designed for long-term outdoor operation. With an IP65 protection rating, it withstands harsh weather conditions such as rain and dust. The whole machine dual-frequency four-current, the maximum access rate of the whole machine 1167Mbps, meet high concurrency demands in scenarios like plazas and campuses. It supports both pole-mounted and wall-mounted installation, coupled with PoE power supply for easy deployment. The dual-port design enhances scalability and scenario adaptability, making it particularly suitable for network upgrades or cost-effective outdoor projects.

- 1 × Gigabit PoE in port, 1 × Gigabit RJ45 port
- 802.11ac Wave 2 1200 Mbps
- Wall & Pole Mount
- Wide Signal Coverage
- IP65 Waterproof

▪ Specification

General	
Net Weight	0.34 kg (0.75 lb)
Gross Weight	0.55 kg (1.21 lb)
Installation Mode	Wall Mounting,Pole Mounting
Working Temperature	-30 °C to 65 °C (-22 °F to 149 °F)
Working Humidity	0% to 100% (no condensation)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Storage Humidity	0% to 100% (no condensation)
Product Dimensions (W × H × D)	65 mm × 225 mm × 32 mm
Power Supply Method	PoE power supply:IEEE 802.3at
Packing List	Smart Managed Access Point x 1, Antenna x 2, Band Clamp x 2, Mounting Bracket x 1, Screw Pack x 1, Quick Start Guide x 1, Regulatory Compliance and Safety Information x 1
Max. Power Consumption	15W
Protection Grade	IP65
Wireless Parameter	
Wireless Speed	Max.: 1167 Mbps; 2.4 GHz: 300 Mbps; 5 GHz: 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 Radius: 150 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	80
Spatial Streams	5 GHz: 2 × 2 , MU-MIMO 2.4 GHz: 2 × 2 , MU-MIMO
Transmitting Power	2.4G: Combined power: 27dBm ; 5G: Combined power: 27dBm ; Note: The actual transmission power varies according to regulations in different countries and regions;
Wireless Security	WPA2-PSK, WPA-WPA2-PSK
Antenna Type	External Dual-Band omni antennas
Antenna Gain	2.4 GHz: 3.7 dBi; 5 GHz: 5 dBi;
Hardware Specifications	
Ports	1 × Gigabit PoE in port,1 × Gigabit RJ45 port

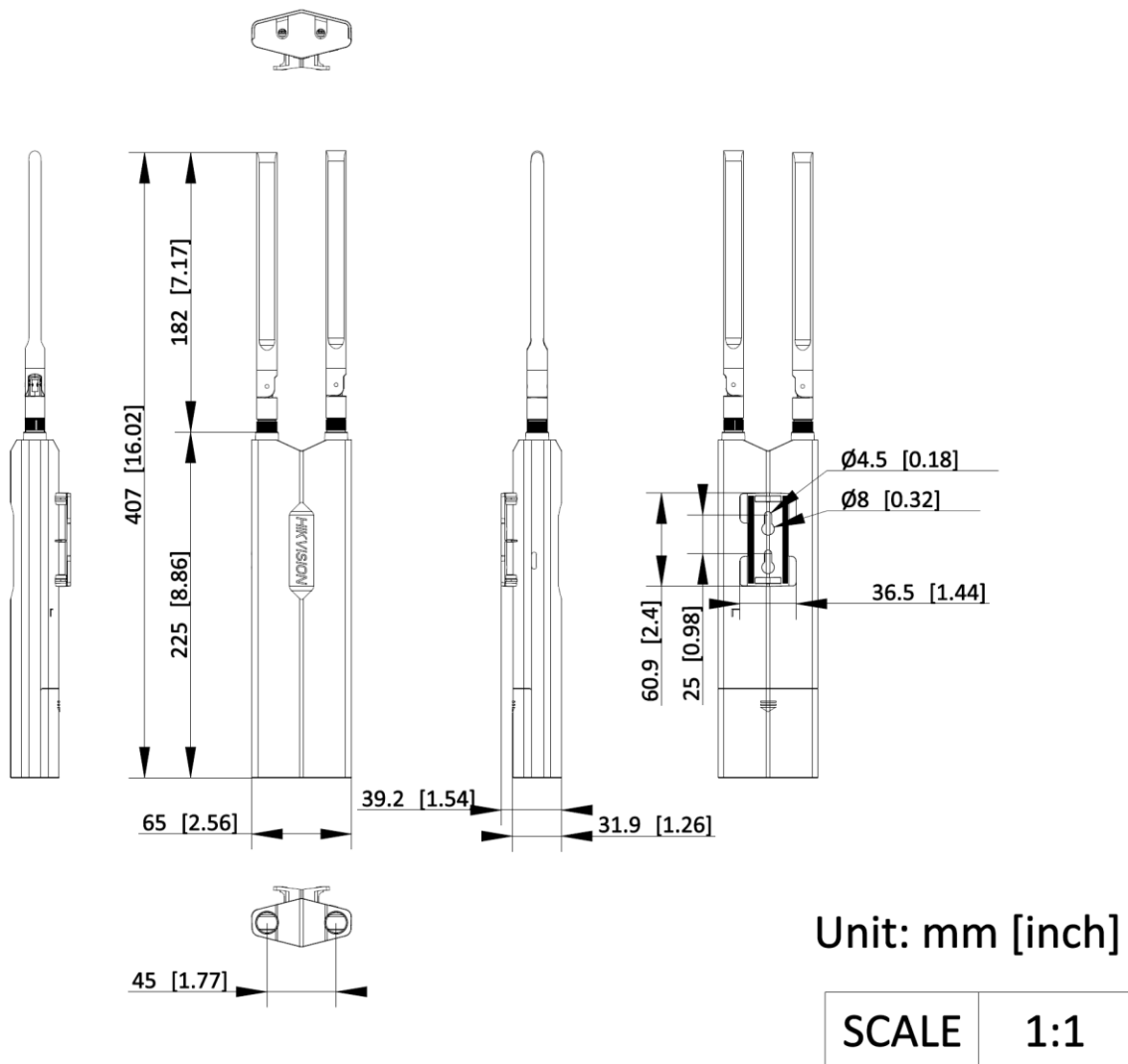
RESET	1 x Reset hole
Software Specifications	
Max. Number of Wireless SSIDs	7
Internet Access Mode	DHCP; Static IP;
VLAN ID Range	1~4000
Max. Number of VLANs	8
Software Features	
Operation Mode	AP mode (default); Routing mode;
Wireless Management	Support wireless configuration; Support RF configuration; 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+A11: 2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1: 2019, EN 50130-4:2011+A1: 2014, EN 55035:2017+A11: 2020)
Safety	CB (AMD1:2009, AMD2:2013, IEC 62368-1:2014 (Second Edition), CE-LVD (EN 62368-1:2014+A11: 2017),UL (UL 60950-1)
Chemistry	CE-RoHS (2011/65/EU),WEEE (2012/19/EU),Reach (Regulation (EC) No.1907/2006)
Radio	EN 301 893,EN 300 440,EN 62311,EN 301 489-3,EN 301 489-17

▪ Available Model

DS-3WAP5312-EI

▪ Dimension



See Far, Go Further



www.hikvision.com
support@hikvision.com

