

DS-3WAP6618-EI **Wi-Fi 6 1800M Outdoor Access Point**



DS-3WAP6618-EI wireless access point is a new generation of outdoor 802.11ax AP products developed by IEEE 802.11 working group. The product adopts the design of dual radio frequency and four streams to solve the outdoor and other harsh environment coverage scenarios. The system has a maximum access rate of 1.775Gbps, meeting the wireless coverage requirements of outdoor scenarios such as small, medium and micro enterprises.

- 1 × Gigabit PoE in port, 1 × Gigabit fiber optical port
- Wi-Fi 6 Dual Band 1800 Mbps
- Auto RF Optimization
- Wide Signal Coverage
- IP68 Waterproof

▪ Specification

General	
Net Weight	1.6 kg (3.53 lb)
Gross Weight	5.64 kg (12.43 lb)
Working Temperature	-30°C to 65°C (-22°F to 149°F)
Working Humidity	0% to 100% (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)	Ø240 mm × 200 mm (excluding bracket)
Power Supply Method	DC power supply: 12 V, 2 A; PoE power supply: IEEE 802.3at;
Packing List	1800 M Access Point × 1, Screw Pack × 1, Installation Bracket × 1, Waterproof Cap × 1, Fiber Optic Converter Head × 1, Afety Rope × 1, Quick Start Guide × 1, Regulatory Compliance and Safety Information × 1
Installation Mode	Wall Mounting, Holding Pole (diameter 67-127 mm)
Max. Power Consumption	18 W
Protection Grade	IP68
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 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	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: 28 dBm; 5G: Combined power: 30 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: 4 dBi 5 GHz: 5.1 dBi
Hardware Specifications	
Ports	1 × Gigabit PoE in port, 1 × Gigabit fiber optical port

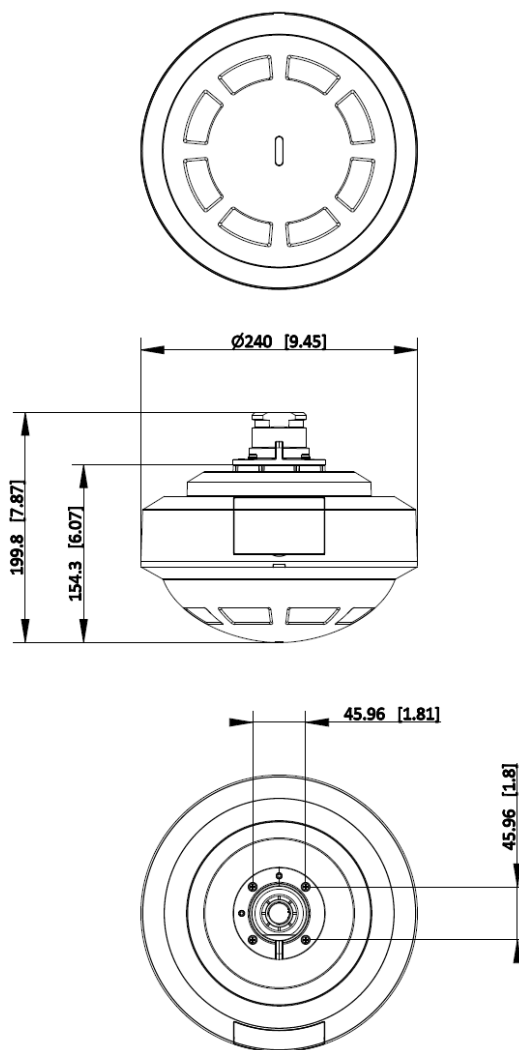
RESET	1 × Reset hole
Software Specifications	
Max. Number of Wireless SSIDs	8
Internet Access Mode	DHCP,Static
VLAN ID Range	1~4000
Max. Number of VLANs	8
Software Features	
Operation Mode	AP mode (default); Routing mode;
Wireless Management	Support wireless configuration; Support RF configuration; Support 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;
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;
Interface	Support uplink port VLAN; Support MAC address modification; Support LAN configuration; Support Port VLAN;
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-3WAP6618-EI

▪ Dimension



Unit: mm [inch]

SCALE 1:1

See Far, Go Further



www.hikvision.com
support@hikvision.com

