DS-3WAP6630-EI
Wi-Fi 6 3000M Outdoor Access Point



DS-3WAP6630-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 2.975Gbps, meeting the wireless coverage requirements of outdoor scenarios such as small, medium and micro enterprises.
Note: For optimal performance, EI Series APs should be used in conjunction with EI Series smart managed routers (AC) only, and vice versa.

- 1 × Gigabit PoE in port,1 × Gigabit fiber optical port
- Wi-Fi 6 Dual Band 3000 Mbps
- Auto RF Optimization
- Wide Signal Coverage
- IP68 Waterproof

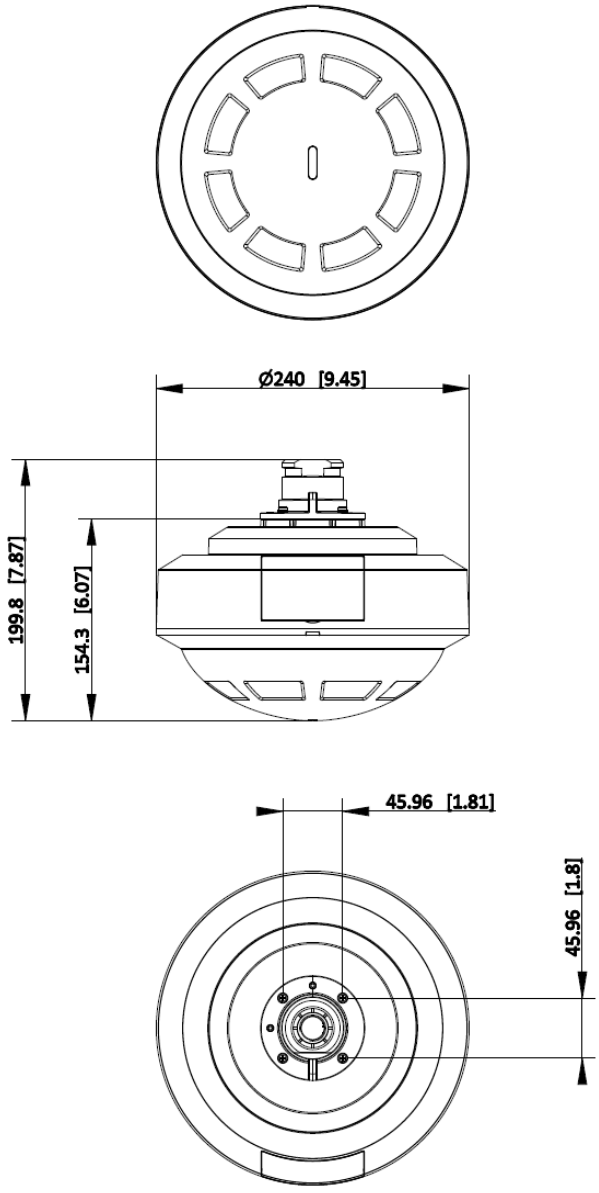
▪ Specification

General	
Net Weight	1.6 kg (3.53 lb)
Gross Weight	5.64 kg (12.43 lb)
Installation Mode	Wall mounting, Holding pole (holding pole diameter 67-127mm)
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	3000 M Access Point × 1, Screw Pack × 1, Installation bracket × 1, Waterproof cap × 1, Fiber optic converter head × 1, Afety rope x 1, Quick Start Guide × 1, Regulatory Compliance and Safety Information × 1
Power Consumption	Standby Power Consumption: 5.5W Typical Power Consumption: 15W Maximum Power Consumption: 18W
Protection Grade	IP68
Wireless Parameter	
Wireless Speed	Max: 2976 Mbps; 2.4G: 574 Mbps; 5G: 2402 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/20/40/80/160 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.
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 and 1024-QAM OFDMA
Max. Number of Connected Clients	256
Recommended Number of Connected Clients	110
Wireless Security	WPA2-PSK, WPA-WPA2-PSK, WPA3-PSK, WPA2-WPA3-PSK
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;

Antenna	2.4 GHz: 2 built-in omnidirectional antennas 5 GHz: 3 built-in omnidirectional antennas
Antenna Gain	2.4 GHz: 4 dBi 5 GHz: 5.1 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: 3 x eFEM
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 802.11k/v/r 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; Supports airtime scheduling (ATF); 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;

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/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

▪ Dimension



Unit: mm [inch]

SCALE	1:1

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