DS-3WAP522-SI
Wi-Fi 5 1200M Celling Access Point



DS-3WAP522-SI is an indoor 802.11ac AP product with dual-frequency four-flow design, which meets the wireless coverage requirements of small, medium and micro enterprises

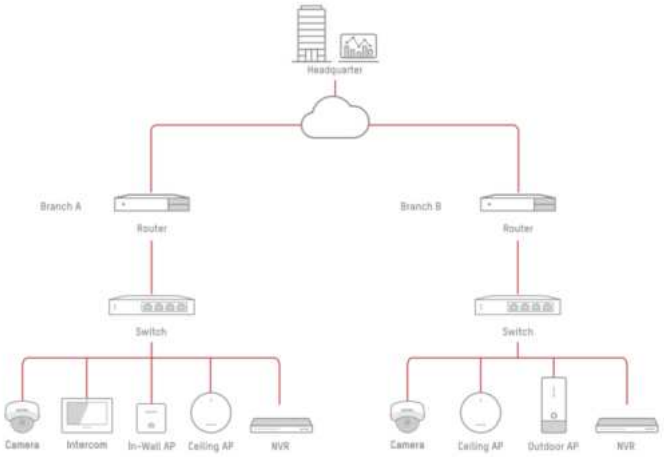
- 1 Gigabit Port with PoE Input
- 802.11ac Wave 2 1167 Mbps
- 80+ Concurrent User Connections
- Auto RF Optimization
- Support Intelligent Fast Roaming

▪ Specification

General	
Weight	0.4 kg (0.88 lb)
Installation Mode	Desk-Mounted,Wall-Mounted,Ceiling Mounting
Working Temperature	0 °C to 40 °C (32 °F to 104 °F)
Working Humidity	5% to 95% (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)	220 mm × 220 mm × 35 mm (8.66'' × 8.66'' × 1.37'')
Packing List	1200 M Access Point ×1,Screw Pack × 1,Quick Start Guide ×1,Regulatory Compliance and Safety Information × 1
Power Consumption	Max. 11.35 W
WLAN Parameters	
Maximum Number of Clients	256
Recommended Number of Clients	80
Maximum Number of SSIDs	8
Working Frequency Band	radio 1: 5G(11a/an/ac), radio 2: 2.4G(11b/g/gn)
Wi-Fi Standards	Wi-Fi 5
Wi-Fi Speed	2.4 GHz: 300 Mbps,5 GHz: 867 Mbps
Spatial Streams	2.4 GHz, 2 × 2 , MU-MIMO, 5 GHz, 2 ×2 , MU-MIMO
Channel Width	2.4 GHz: Auto/20 /40 MHz,5 GHz: Auto/20 /40 /80 / MHz
Number of Antennas	2.4GHz：2；5GHz：2
Antenna Type	Built-in omnidirectional antennas
Antenna Gain	2.4 GHz: 3 dBi,5 GHz: 4 dBi
Transmit Power	20 dBm
Modulation Technology	OFDM：BPSK@6/9Mbp、QPSK@12/18Mbps、16-QAM@24Mbps、64-QAM@48/54Mbps; DSSS：DBPSK@1Mbps、DQPSK@2Mbps、CCK@5.5/11Mbps; MIMO-OFDM （11n）：MCS 0-15; MIMO-OFDM （11ac）：MCS 0-9
Software Specifications	
WLAN Security	WAP-PSK,WAP2-PSK,WPA-WAP2-PSK,Blocklist & Allowlist,Support Multiple encryption key triggered dynamic unicast/multicast key update,Support Open system/shared key authentication,Support wireless endpoint access,Support SSID and VLAN binding,Support 802.11i
Management & Maintenance	Centralized AC management
Version Upgrade	upgrade on Web
Hardware Specifications	
Interface	1 × Gigabit RJ45 uplink port
Power Supply	IEEE 802.3af/at POE,12 VDC 1.5 A
LED Indicator	Yellow/green/blue for different working states, flashing mode
Reset Button	Hardware Resetting Button

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

▪ Typical Application

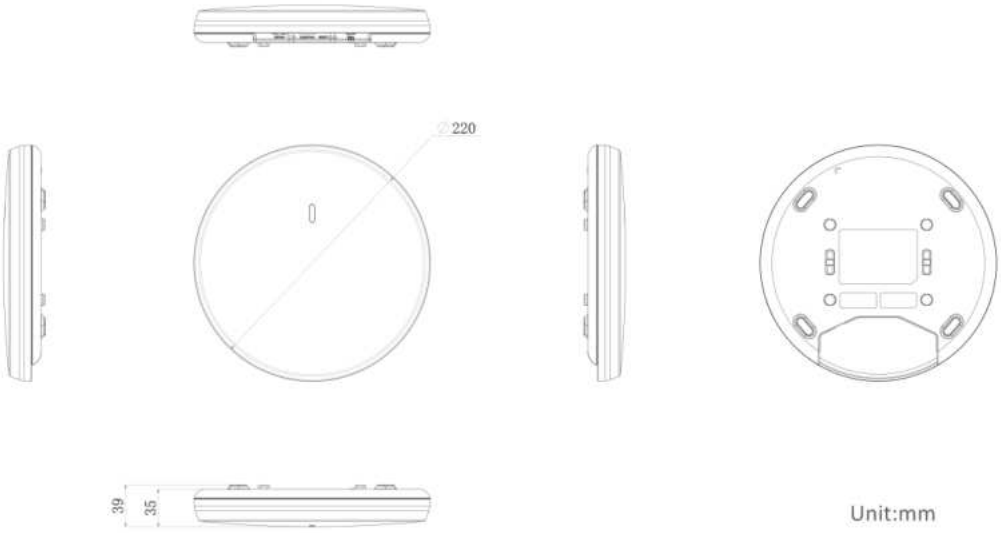


▪ Physical Interface

▪ Available Model

DS-3WAP522-SI

▪ Dimension



Unit:mm

Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
www.hikvision.com

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