DH-EAP6230-C

Wireless Access Point



- 802.11ax indoor ceiling wireless access point.
- Up to 3 Gbps wireless speed.
- Dual band concurrent.
- Seamless roaming.
- MU-MIMO technology delivers fast wireless network for multiple
- devices at the same time.
- Devices can quickly access the DoLynk Care platform and be remotely managed on it.



Series Overview

Using MU-MIMO and OFDMA cutting edge technology, EAP Series Wireless Access Point (AP) provides wireless access through dual concurrent wireless networks. It supports concurrent connections, provides access to a large number of users and has a built-in professional high gain antenna, wide signal coverage and fast wireless speed. It meets the IEEE 802.11ax standard and is ideal for indoor scenes that require wireless network coverage.

Functions

Seamless Roaming
Seamless roaming enables a network user to remain continuously connected as they cross network boundaries.

Wide Coverage
Wide network coverage that can cover the entire room without any dead angles.

Dual-Band Wi-Fi
Both the 2.4 GHz and 5 GHz network are available for you to flexibly switch between.

One Network
Integrated CCTV and IT network.

Quick Deployment
Easy and quick network setup.

Efficient Maintenance
Maintenance through topology, with abundant functions for hassle-free device services.

Security Guarantee
24/7 network security for fully linked devices, data and networks.

Scene

It is suitable for scenes that require wireless coverage such as public facilities and the education, energy resource, and financial industries.

Technical Specification

Basic

Device Type	AP

Hardware

WAN Port	1 x 10/100/1000 Mbps Base-T (PoE In)
Power Supply	12 VDC, 1 A 802.3 af PoE 802.3 at PoE
Antenna Type	Omnidirectional
Built-in Antenna	2.4 GHz: 2 × 4 dBi 5 GHz: 2 × 4 dBi
Memory	DDR: 512 MB
Indicator Light	1 × SYS 1 × WAN
External Port	1 × Console

Performance

Wireless Standard	2.4 GHz: IEEE 802.11b/g/n/ax 5 GHz: IEEE 802.11a/n/ac/ax
Wireless Transmission Rate	2.4 GHz: 574 Mbps 5 GHz: 2402 Mbps
Operating Frequency	2.4 GHz–2.484 GHz 5.150 GHz–5.850 GHz
Channel Width	2.4 GHz: 20/40/80 MHz 5 GHz: 20/40/80/160 MHz
2.4 GHz Antenna Gain	4 dBi
5 GHz Antenna Gain	4 dBi
Max. Output Power	CE EIRP: ≤20 dBm@2400-2483.5 MHz ≤23 dBm@5150-5250 MHz ≤23 dBm@5250-5350 MHz ≤27 dBm@5470-5725 MHz ≤14 dBm@5725-5850 MHz FCC output power: ≤27 dBm@2400-2483.5 MHz ≤24 dBm@5150-5250 MHz ≤24 dBm@5250-5350 MHz ≤24 dBm@5470-5725 MHz ≤30 dBm@5725-5850 MHz
2.4 GHz Max Power Output	24 dBm
5 GHz Max Power Output	22 dBm
Receiver Sensitivity	11ac VHT20_MCS0: -88 dBm 11ac VHT20_MCS7: -70 dBm 11ac VHT40_MCS0: -88 dBm 11ac VHT40_MCS7: -68 dBm 11ax HE20_MCS0: -88 dBm 11ax HE20_MCS11: -62 dBm 11ax HE40_MCS0: -86 dBm 11ax HE40_MCS11: -58 dBm
Max. Transmission Distance	20 m (65.62 ft)
Optimal Transmission Distance	15 m (49.21 ft)
SSID Number	2.4 GHz: 4 5 GHz: 4
Connected Wireless Terminals	2.4 GHz: 64 5 GHz: 64
PoE	PoE In: 802.3af/at (15 W/30 W)

Function

Equipment Management	Web; platform; app
Network Protocol	TCP/IP;IPv4;UDP;NTP;DHCP;DNS;QoS;ICMP;ARP;IP Filter;TCP;SMB;NFS;MQTT;802.11k;802.11v;802.11e;WMM;IGMP V3
Operating Mode	FIT AP FAT AP Gateway mode
Encryption Mode	No Encryption WPA/WPA2PSK; WPA2/WPA3PSK
Firmware Update	Web update
Security Mechanism	IP address filtering; MAC address filtering
OFDMA	Yes
MU-MIMO	2 × 2
Beamforming	Yes
TWT	No
DHCP	Yes (under gateway mode)
NAT	Yes (under gateway mode)
QoS	Yes
DDNS	No
Wireless Repeater	No
MESH	No
Software	Device Management: setup wizard; network connection method; back up/restore configuration; restore factory defaults; schedule restart; system logs; change password; firmware upgrade; system time; fat/fit mode self-adaptation; cloud platform configuration AP Management: SSID configuration; VLAN ID configuration; frequency configuration; country/region configuration; 5G-Prior access configuration; scheduled Wi-Fi shutdown Client Management: MAC ACL; user isolation; limit users that can access

General

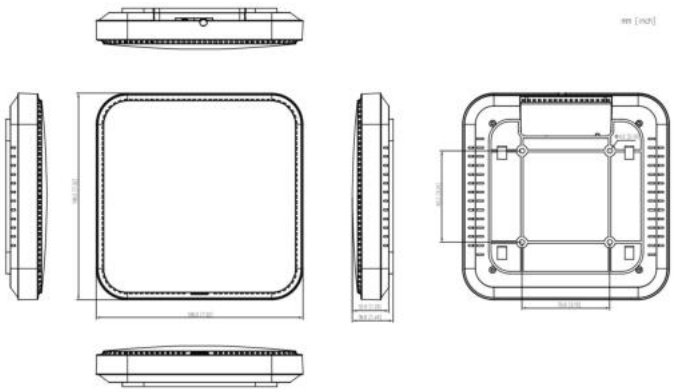
Power Consumption	Full load: 14 W Idling: 5 W
Operating Temperature	–10 °C to +45 °C (+14 °F to +113 °F)
Storage Temperature	–40 °C to +70 °C (-40 °F to +158 °F)
Operating Humidity	5%–95% (RH), non-condensing
Net Weight	0.55 kg (1.21 lb)
Gross Weight	0.89 kg (1.96 lb)
Product Dimensions	186 mm × 186 mm × 36 mm (7.32" × 7.32" × 1.42") (L × W × H)
Packaging Dimensions	243 mm × 235 mm × 76 mm (9.57" × 9.25" × 2.99") (L × W × H)
Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV

Lightning Protection	Common mode: 2 kV Differential mode: 1 kV
Installation	In-ceiling mount; wall mount
Certifications	CE
Packing List	1 × Device 1 × Wall-mounting Kit 1 × Quick Start Guide 1 × Legal and Regulatory Information 1 × Network Cable 1 × Bracket

Ordering Information

Type	Model	Description
Wireless Access Point	DH-EAP6230-C	Wireless Access Point

Dimensions (mm[inch])



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