

# DH-EAP6230-W

## Wireless Access Point



- 802.11ax indoor wall mount 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 use indoors in small and medium-sized scenes that require wireless coverage such as hotels, canteens, office buildings, conference rooms and retail shops.

## Technical Specification

### Basic

Device Type	AP
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### Hardware

WAN Port	1 x 10/100/1000 Mbps Base-T (PoE In)
LAN Port	4 x 10/100/1000 Mbps Base-T RJ-45 (LAN) 2 x 10/100/1000 Mbps Base-T RJ-45(Pass Through)
Power Supply	12 VDC, 1 A 802.3 af PoE 802.3 at PoE
Antenna Type	Omnidirectional
Built-in Antenna	2.4 GHz: 2 × 2 dBi 5 GHz: 2 × 2 dBi
Memory	DDR: 512 MB
Indicator Light	1 × SYS 1 × WAN 4 × LAN 1 × 2.4G Wi-Fi 1 × 5G Wi-Fi
External Port	USB 2.0

### 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	2 dBi
5 GHz Antenna Gain	2 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	20 dBm
5 GHz Max Power Output	20 dBm
Receiver Sensitivity	11ac VHT20_MCS0: -87 dBm 11ac VHT20_MCS7: -64 dBm 11ac VHT40_MCS0: -84 dBm 11ac VHT40_MCS7: -59 dBm 11ax HE20_MCS0: -87 dBm 11ax HE20_MCS11: -56 dBm 11ax HE40_MCS0: -83 dBm 11ax HE40_MCS11: -52dBm
Max. Transmission Distance	15 m (49.21 ft)

Optimal Transmission Distance	10 m (32.81 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	Yes
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: 18 W Idling: 5.6 W
Operating Temperature	-20 °C to +55 °C (-4 °F to +131 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Operating Humidity	5%–95% (RH), non-condensing
Net Weight	0.26 kg (0.57 lb)
Gross Weight	0.39 kg (0.86 lb)
Product Dimensions	160 mm × 86 mm × 29 mm (6.30" × 3.39" × 1.14") (L × W × H)

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Packaging Dimensions	177 mm × 102 mm × 54 mm (6.97" × 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	Wall mount
Certifications	CE
Packing List	1 × Device 1 × Wall-mounting Kit 1 × Quick Start Guide 1 × Legal and Regulatory Information 1 × Bracket

## Ordering Information

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

## Dimensions (mm[inch])

