

# DH-EAP6218-O

Wireless Access Point



- · IP67 rated, it is ideal for outdoor deployment.
- $\cdot$  Up to 1.775 Gbps wireless speed.
- $\cdot$  Supports dual concurrent wireless networks.
- $\cdot$  Offers seamless roaming.
- $\cdot$  MU-MIMO technology delivers a fast wireless network that can be accessed by multiple devices at the same time.



#### **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 meets the IEEE 802.11ax standard. It also has a built-in professional high gain antenna, wide signal coverage and fast wireless speed. Built to be durable, it is IP67 rated, making it ideal for outdoor scenes that require wireless network coverage.

#### Functions

#### **Seamless Roaming**

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

#### MU-MIMO

This advanced technology allows multiple users to communicate through one single access point, which vastly improves wireless throughput.

#### **Dual-Band Wi-Fi**

Both the 2.4 GHz and 5 GHz network are available for you to flexibly switch between.

#### Scene

It is suitable for use outdoors in scenes that require wireless coverage such as squares, gardens, parks and playgrounds.



Parking Lot



Park



Playground

## Wireless Access Point | DH-EAP6218-O

#### **Technical Specification**

#### Hardware

Hardware	
Function Slots	1 x 10/100/1000 Mbps Base-T RJ-45 (WAN, PoE)
Power Consumption	Full Load: 16 W
Memory	DDR:512 MB Flash:8 MB NAND:128 MB
Indicator Light	SYS WAN/PoE LAN 2.4G 5G
Wireless Standard	2.4 GHz: IEEE 802.11b/g/n/ax 5 GHz: IEEE 802.11a/n/ac/ax
Performance	
Operating Frequency	2.4 GHz–2.484 GHz 5.150 GHz–5.850GHz
Wireless Transmission Rate	2.4 GHz: 574 Mbps; 5 GHz: 1201 Mbps
Channel Width	20/40/80 MHz
Max. Output Power	24dBm
Antenna Gain	6 dBi
Antenna Direction Angle	360°
Optimal Transmission Distance	30 m (98.43 ft)
Function	
Operating Mode	FIT AP; FAT AP
Encryption Mode	WPA-PSK/WPA2-PSK; WPA3-PSK; None
Management and Log	NTP; Syslog
Firmware Update	Web update;AC remote update

SSID hiding MAC authentication IP-MAC binding User isolation

URL filtering IP address filtering MAC address filtering

Yes

Yes

Yes

DMZ

Yes

Port Mapping

IP-based speed limit

Local WEB management

Max allowed clients per AP

nP;ICMP;PPPoE;IP Filter

HTTP;TCP/IP;IPv4;UDP;NTP;DHCP;DNS;DDNS;Qos;UP

Security Mechanism

Network Protocol

MU-MIMO

DFS

DHCP

NAT

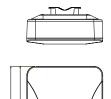
QoS

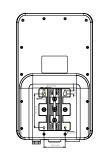
DDNS

Equipment Management

Software	Independent AP; Configure VLAN based on SSID; Auto channel; Power adjustment; 5G Precedence; SSID extender; WiFi Timer; Pass through on VPN connection; Configure information restore/back up
General	
Power Supply	PoE (802.3 at)
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)
Gross Weight	1.62 kg (3.57 lb)
Net Weight	1.06 kg (2.34 lb)
Packaging Dimensions	380 mm × 230 mm × 107 mm (14.96" × 9.05" × 4.21")(L × W × H)
Product Dimensions	304 mm × 181 mm × 88 mm (11.97" × 7.13" × 3.46")(L × W × H)
Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
Lighting Protection	Common mode: 4 kV Differential mode: 2 kV
Installation	Pole mount
Certifications	CE; FCC

### Dimensions (mm [inch])







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