

# WiFi6 11ax 1800Mbps In-Wall Wireless AP

Model: APW186G



## Product Introduction

APW186G is a high performance 11ax wall mount wireless AP with PoE power supply and high gain antennas, ensure a stable connection in indoor high-density wireless coverage environment. It operates at 2.4GHz and 5.8GHz dual band, adopts new generation Wi-Fi 6(802.11ax) technologies and comply with IEEE 802.11a/b/g/n/ac/ax standards, the Wi-Fi data rate is up to 1800Mbps. It supports Micro AC, local AC, management, and mesh networking. It provides a cost-effective solution for indoor wireless network applications like villa, office, hotel, restaurants, shopping mall, stores, schools etc. High performance dual core processor, comprehensively improving the network load capacity, faster data forwarding, and more stable long-term operation.

## Features

- ◎ Compliant with IEEE 802.11a/b/g/n/ac standard protocol
- ◎ Compliant with IEEE802.3 and IEEE802.3u standard protocols
- ◎ Dual band wireless concurrent rate 1167Mbps discussion
- ◎ Support WPA-PSK, WPA2-PSK, WPA-PSK+WPA2-PSK encryption
- ◎ Two 10/100Mbps adaptive network ports
- ◎ Support standard PoE af power supply method
- ◎ Support mesh networking

*Integrated Solution, Better Living*

# Specification

Model	APW186G
Hardware Specifications	
FLASH	16MB
DDR	256MB
Wired standard	IEEE802.3,IEEE802.3u,IEEE802.3ab
Ethernet interface	10/100/1000Mbps LAN port*1 Support PoE 48V 10/100/1000Mbps LAN port*1
Antenna	2.4GHz: 5dbi built-in omnidirectional antenna * 2; 5.8GHz: 5dbi built-in omnidirectional antenna * 2
Button	Reset Button * 1
Power supply method	PoE 48V
Panel indicator lights	LED * 4 (PWR, LAN, 2.4G, 5.8G)
Software Specification	
Mesh networking	Support
Micro AC function	Support (When there is no AC in the network, the AP can be set to Micro AC, and logging in to any of them can view and manage all APs in the network)
Number of SSIDs	4 (2.4GHz) +4 (5GHz)
Wireless encryption	Supports encryption/non encryption/hiding
User isolation	Terminal isolation
Wireless MAC address filtering	Support for black and white lists
VLAN settings	Support
Transmission power setting	Support
Bandwidth settings	Support
Channel Settings	Support(Supports automatic optimization of optimal channels)
Wireless client limit	Support
Device management	Support Chinese, English, Spanish WEB management
System log	Support
Restore factory settings	Support
Backup Configuration	Support
Import Configuration	Support
Software upgrade	Support
Network Diagnostics	Support
Wireless Specification	
Wireless standards	IEEE 802.11a/b/g/n/ac/ax
Wireless rate	2.4GHz & 5.8GHz: 2.4GHz:574Mbps, 5.8GHz:1201Mbps
Wireless Power	22dBm
Wireless encryption method	WPA-PSK,WPA2-PSK,WPA-PSK/WPA2-PSK
Other	

Working Temperature	-10°C~55°C
Storage Temperature	10%~90% RH (non-condensation)
Working Humidity	-40°C~80°C
Storage Humidity	5%~90% RH (non-condensation)
Product Size	86*86*46mm



# HIMAX



HIMAX TECHNOLOGY LIMITED

[www.himax-technology.com](http://www.himax-technology.com)

Email: [sales@himax-technology.com](mailto:sales@himax-technology.com)

F10, Fuhong Building, No.120 Yongfu Road, Qiaotou Community Fuhai Street, BaoanDistrict, Shenzhen China



Company Website