

# Wi-Fi 6 Indoor Wireless Ceiling Mount Access Point

WI-AP218AX| WI-AP218AX-Lite| WI-AP219AX| WI-AP219AX-Lite



## Overview

Wi-Fi 6 wireless AP is designed for indoor large-area Wi-Fi coverage. Supporting 802.3af/at PoE Input, it makes deployment easy and flexible. Complied with 802.11ax Wi-Fi protocol and adopting OFDMA, 1024QAM, MU-MIMO, and other key technologies, Wi-Fi 6 wireless AP delivers faster speed and allows more simultaneous user accesses. In addition, it supports cloud management, and users can quickly configure, remotely manage and operate network-wide equipment, greatly reducing equipment investment costs. Wi-Fi 6 wireless AP also offers fast wireless roaming and wired connectivity, ideal for use in hotels, retail, offices, etc.

## Features

### Ultra-Fast Speed

Adopting 802.11ax Wi-Fi standard, Wi-Fi 6 wireless AP provides combined wireless speed of up to 1775Mbps(for WI-AP218AX, WI-AP218AX-Lite), 3000Mbps(for WI-AP219AX-Lite), 3550Mbps(for WI-AP219AX), which brings smooth internet experience to the users.

### High-Performance Design

By introducing new technologies such as OFDMA, MU-MIMO, Wi-Fi 6 wireless AP has greatly improved its performance such as providing stable connection and fast speed to multiple terminals.

### 802.3af/at PoE Input

Adopting 802.3af/at PoE Input can enable Ethernet port to carry data and power simultaneously via one cable, making deployment easy and flexible.

### Fast Roaming

Wi-Fi 6 wireless AP supports fast roaming protocols which quickly realizes the switching time between APs. The terminals such as phone and tablet automatically connect to the fastest AP as users move between APs.

### Multi-SSIDs

Supporting QVLAN binding multi-SSIDs, Wi-Fi 6 wireless AP can bind different SSIDs to different TAG VLANs and set different SSIDs for different departments of the enterprise, which realizes the isolation

### Cloud Management

Wi-Tek Cloud's quick configuration provide reliable performance, visual management, and real-time monitoring, enhancing the efficiency of device management.

# Specifications



Model	WI-AP218AX-Lite	WI-AP218AX	WI-AP219AX-Lite	WI-AP219AX
Hardware Version	V1	V1	V1	V1
Hardware Features				
Memory	128MB RAM 16MB Flash	512MB RAM 128M Flash	512MB RAM 128MB Flash	1G DDR3 RAM 256MB Flash
Interface	2*10/100/1000Mbps Base-T Ethernet Ports (WAN port supports 802.3af PoE Input)	2*10/100/1000Mbps Base-T Ethernet Ports (WAN port supports 802.3af/at PoE Input)	1*10/100/1000Mbps Base-T Ethernet Ports (WAN port supports 802.3af/at PoE Input)	2*10/100/1000/2500Mbps Base-T Ethernet Ports (WAN port supports 802.3af/at PoE Input)
Button	1*Reset Button			
Power Supply	802.3af PoE Input or DC 12V/1.5A	802.3at PoE Input or DC 12V/2A	802.3at PoE Input	802.3at PoE Input or DC 12V/2A
Power Consumption (Max)	15W	16W	16W	22W
Wireless Features				
Standards	IEEE 802.11a/b/g/n/ac/ax			
Data Rates	2.4GHz: up to 574Mbps 5GHz: up to 1201Mbps	2.4GHz: up to 574Mbps 5GHz: up to 1201Mbps	2.4GHz: up to 574Mbps 5GHz: up to 2402Mbps	2.4GHz: up to 1148Mbps 5GHz: up to 2402Mbps
MIMO	2.4GHz: 2 x 2 5GHz: 2 x 2	2.4GHz: 2 x 2 5GHz: 4 x 4	2.4GHz: 2 x 2 5GHz: 2 x 2	2.4GHz: 4 x 4 5GHz: 4 x 4
Antenna	2.4GHz: 4.6dBi 5GHz: 4dBi	2.4GHz: 3dBi 5GHz: 3dBi	2.4GHz: 4dBi 5GHz: 4dBi	2.4GHz: 3dBi 5GHz: 3dBi
Frequency	2.4GHz, 5GHz			
Channel Width	2.4GHz: 20/40MHz 5GHz: 20/40/80MHz	2.4GHz: 20/40MHz 5GHz: 20/40/80MHz	2.4GHz: 20/40MHz 5GHz: 20/40/80/160MHz	2.4GHz: 20/40MHz 5GHz: 20/40/80MHz
Max. TX power	22dBm	23dBm	23dBm	20dBm
Software Features				
Wireless Mode	Fit AP/Wireless Router Mode (Default: Fit AP mode)	Fit AP/Repeater/Wireless Router/WISP Mode (Default: Fit AP mode)		



Model	WI-AP218AX-Lite	WI-AP218AX	WI-AP219AX-Lite	WI-AP219AX
Network	LAN: Static IP, Dynamic IP WAN: Static IP, Dynamic IP, PPPoE Client			
Wireless	Wireless Disable or Enable Modify SSID SSID Hiding			
Wireless Security	WPA-TKIP, WPA2-AES, WPA1/WPA2-Mixed WPA-Enterprise, WPA2-Enterprise, WPA2/WPA3-Mixed			
VLAN	Supports IEEE 802.1Q VLAN Supports SSID-to-VLAN mapping			
Wi-Fi Schedule	Yes			
LED Switch	Yes			
RF Parameter	Adjustable Country Auto Channel Width Selection Automatic Frequency Selection Adjustable Transmission Power Max Associated STA (default: 128) Weak Signal Rejection Threshold(default: -95dBm) User Isolation(default: disabled) Supports Wi-Fi Multimedia (WMM)			
Advanced	Multiple SSID (Up to 8 per radio) Ping Watchdog Scheduled Reboot DHCP Server NTP Server Diagnosis: PING, TRACERT			
Status Monitoring	Base Info: LAN/WAN Info, Wireless Info, System Info Radio Status Real Time Flow Chart Wireless Terminal Station SSID List DHCP Client ARP Table Routing Table			
Management	Quickly scan devices by discovery tools Web-based management by locally Support remote management by cloud platforms and applications Support AC management			
Environment	Operating Temperature: -20°C ~ 55°C(-4°F ~ 131°F) Storage Temperature: -40°C ~ 70°C(-40°F ~ 158°F) Operating Humidity: 5% ~ 95% (non-condensing) Storage Humidity: 5% ~ 95% (non-condensing)			



Model	WI-AP218AX-Lite	WI-AP218AX	WI-AP219AX-Lite	WI-AP219AX
Others				
Certification	CE, FCC, RoHS, UKCA, RCM			
Product Dimensions (L x W x H)	188*188*35mm	198*198*35mm	186*186*37mm	198*198*41mm
Package Dimensions (L x W x H)	323*220*63mm	250*240*90mm	323*220*63mm	250*240*90mm
Product Weight	0.5kg	0.8kg	0.58kg	0.8kg
Package Weight	0.7kg	1.15kg	0.85kg	1.15kg



## Package Contents

Welcome to order our products. After purchasing, you will receive:

Items	Quantity
AP	1 pcs
Plastic Anchor	4 pcs
Self-Tapping Screws	4 pcs
Ethernet Cable	1pcs
Quick Installation Guide	1pcs



Wireless-Tek Technology Limited

Address: Biaofan Technology Building 402, Bao'an street,  
Baoan District, Shenzhen City, Guangdong, China

Website: [www.wireless-tek.com](http://www.wireless-tek.com)

Tel: 86-0755-32811290

Email: [sales@wireless-tek.com](mailto:sales@wireless-tek.com)

Technical Support: [tech@wireless-tek.com](mailto:tech@wireless-tek.com)



Technical Support



Cloud Management



Company Website