

# Wi-Fi 5 AC1200 Dual Band Ceiling Access Point

WI-AP217(V2) | WI-AP217-Lite(V2)



## Overview

Wi-Tek Wi-Fi 5 dual-band ceiling AP is designed for indoor Wi-Fi coverage scenarios such as office, hotels and supermarkets. Complying with 802.11ac wave2 MU-MIMO and OFDM, it can provide faster wireless speed of up to 1200Mbps and ensure multiple devices access the Internet at the same time, allowing users to smoothly enjoy applications such as video conference and large file downloads. Equipped with enterprise-level chipsets, advanced RF functions, load balance and automatic channel and power adjustment, which makes it capable of providing outstanding performance. In addition, the AP also supports cloud management functions. Users can quickly complete network-wide equipment configuration, remote management, and operation and maintenance, greatly reducing equipment costs, labor costs and time costs for wireless network construction.

## Features

### Gigabit Ethernet Port

With Gigabit Ethernet port, it enables to boost overall throughput and enhance network performance and efficiency.

### MU-MIMO Technology

Adopting MU-MIMO technology, the AP can provide faster wireless speed and enable more access to the multiple devices at the same time, enhancing the user's online experiences.

### Flexible Power Supply Methods

The AP supports not only 12V DC Input but also 802.3af PoE Input, offering flexible power supply options in different installation environments. Adopting 802.3af PoE Input can enable Ethernet port to carry data and power simultaneously via one cable, making deployment easy and flexible.

### Load Balancing

Load balancing facilitates equal distributions of clients across available access points, which prevents network traffic from crowding on the same device and improve the responsiveness of applications.

## **Automatic Channel and Power Adjustment**

Through channel adjustment, the optimal channel is allocated to each AP to minimize or avoid the interference of adjacent channels and the same channel, which ensures the reliable data transmission in the network.

## **Ensures a smooth and lag-free network with Fast Roaming**

With fast roaming technology, it ensures users can always stay connected and enjoy smooth network experience when moving around by switching clients automatically to the access points with the best signal.

## **Multi-SSIDs**

Supporting QVLAN binding multi-SSIDs the AP can bind different SSIDs to different TAG VLANs and set different SSIDs for different departments of the enterprise, which realizes the isolation between SSIDs, and flexibly controls the access rights of wireless networks.

## **Cloud Management**

Wi-Tek Cloud's quick installation and configuration provide reliable performance, visual management, which is easy to operate and maintain and remote access.

# Specifications



Model	WI-AP217	WI-AP217-Lite
Hardware Version	V2	
Hardware Features		
Memory	128MB RAM 16MB Flash	
Interface	2*10/100/1000Mbps Base-T Ethernet Ports (WAN port supports 802.3af PoE Input)	
Power Supply	802.3af PoE Input or DC 12V/1A	
Power Consumption (max)	12W	10W
Wireless Features		
Standards	IEEE 802.11a/b/g/n/ac	
Max/Recommended Clients	150/64	100/48
Data Rates	2.4GHz: up to 300 Mbps 5GHz: up to 867 Mbps	
MIMO	2.4GHz: 2x2 5GHz: 2x2	
Antenna	2.4GHz: 5dBi 5GHz: 5dBi	2.4GHz: 4.6dBi 5GHz: 4dBi
Frequency	2.4GHz, 5GHz	
Channel Width	2.4GHz: 20/40MHz 5GHz: 20/40/80MHz	
Max. TX power	23dBm	22dBm
Coverage Range	140m <sup>2</sup>	
	Note: Data is acquired in an unobstructed ideal environment. Signal coverage radius depends on client performance and environmental interference.	

Model	WI-AP217	WI-AP217-Lite
Software Features		
Wireless Mode	Fit AP/Repeater/Wireless Router/WISP Mode (Default: Fit AP mode)	Fit AP/Fat AP (Default: Fit AP mode)
Network	LAN: Static IP, Dynamic IP WAN: Static IP, Dynamic IP, PPPoE Client	
Wireless	Wireless Disable OR Enable Modify default SSID SSID Hiding	
Wireless Security	WPA-TKIP , WPA2-AES, WPA1/WPA2-Mixed, WPA-Enterprise, WPA2-Enterprise	
VLAN	Supports IEEE 802.1Q VLAN Supports SSID-to-VLAN mapping	
Wi-Fi Schedule	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	

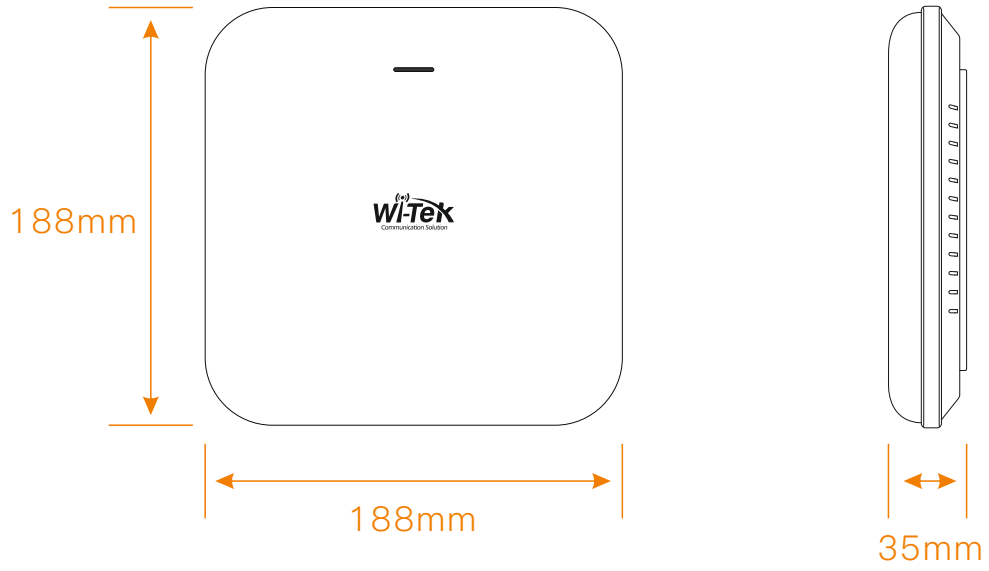
Model	WI-AP217	WI-AP217-Lite
Management	Quickly scan devices by discovery tools Web-based management by locally Support remote management by cloud platforms and applications Support AC management	
Environment	Operating Temperature: -20°C~55°C(-4°F~131°F) Storage Temperature: -40°C~70°C(-40°F~158°F) Operating Humidity: 5%~95% (non-condensing) Storage Humidity: 5%~95% (non-condensing)	
Others		
Certification	CE, FCC, RoHS, UKCA, RCM	
Product Dimensions	188*188*35mm	
Package Dimensions	243*235*76mm	
Product Weight	0.55kg	
Package Weight	0.8kg	

Model		WI-AP217
Fast-Roaming AP Combo Recommendations		
Type	Model	Hardware Version
Ceiling-Mount	WI-AP217	V2
	WI-AP218AX	V2
	WI-AP219AX	V2
	WI-AP219AX-Lite	V1
	WI-AP229BE	V1
	WI-AP419P	V1
Outdoor	WI-AP315	V1
	WI-AP316AX	V1
	WI-AP317	V1
	WI-AP510	V1
	WI-AP518AX	V1
	WI-AP520AX-D	V1

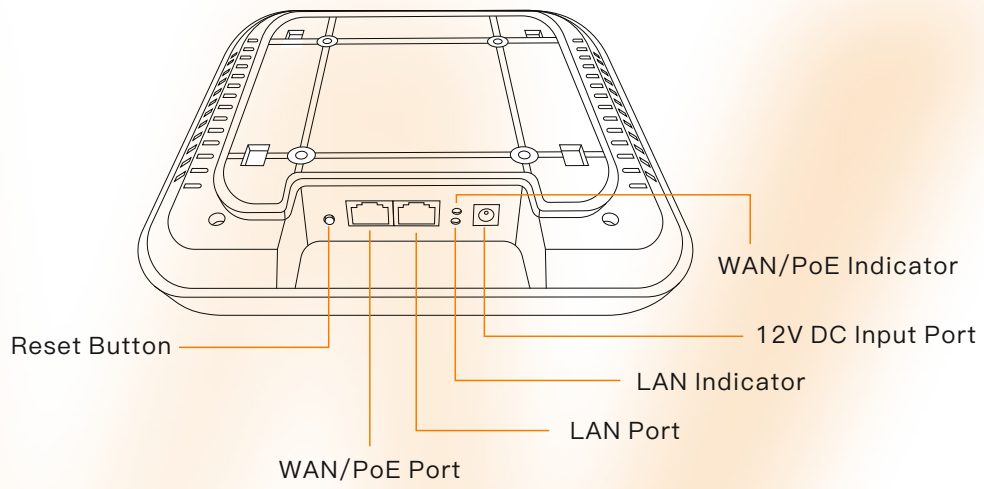
Model		WI-AP217-Lite
Fast-Roaming AP Combo Recommendations		
Type	Model	Hardware Version
Ceiling-Mount	WI-AP210-Lite	V2
	WI-AP218AX	V2
	WI-AP219AX	V2
	WI-AP219AX-Lite	V1
	WI-AP229BE	V1
Wall-Plate	WI-AP419P	V1
Outdoor	WI-AP315	V1
	WI-AP316AX	V1
	WI-AP317	V1
	WI-AP510	V1
	WI-AP518AX	V1
	WI-AP520AX-D	V1

WI-AP217(V2) | WI-AP217-Lite(V2)

Dimensions (mm)



Back Panel



## 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	1 pcs
Quick Installation Guide	1 pcs



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Technical Support



Cloud Management



Company Website