

# Wi-Fi 4/5 Wireless Ceiling Mount Access Point

WI-AP210-Lite(V2) | WI-AP216(V2)



## Overview

Wi-Tek's ceiling AP is suitable for indoor Wi-Fi coverage scenarios. The AP supports 802.3af PoE Input and 12V DC IN, providing more flexible power supply options in different installation environments. With dual LAN port design, it expands the connections to external devices such as cameras and network devices, meeting the networking requirements of more devices. 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

### MU-MIMO Technology

(For WI-AP216(V2))

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.

### Fast Roaming

The 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.

### Dual LAN Ports Design

The AP adopts the dual LAN ports design. Even for complex networking requirements, it can quickly expand the connections to external devices, such as cameras, network devices, etc.

### 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.

### 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.

### Cloud Management

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



Model	WI-AP210-Lite	WI-AP216
Hardware Version	V2	V2
Hardware Features		
Memory	64MB RAM, 8MB Flash	64MB RAM, 8MB Flash
Interface	2*10/100Mbps Base-T Ethernet Ports (WAN port supports 802.3af PoE Input)	
Button	1*Reset Button	
Power Supply	802.3af PoE Input or DC 12V/0.5A	802.3af PoE Input or DC 12V/1A
Power Consumption (Max)	5W	10W
Wireless Features		
Standards	IEEE 802.11b/g/n	IEEE 802.11a/b/g/n/ac
Max/Recommended Clients	32/16	48/36
Data Rates	2.4GHz: up to 300Mbps	2.4GHz: up to 300Mbps 5GHz: up to 867Mbps
MIMO	2.4GHz: 2 x 2	2.4GHz: 2 x 2 5GHz: 2 x 2
Antenna	2.4GHz: 4dBi	2.4GHz: 4.6dBi 5GHz: 4dBi
Frequency	2.4GHz	2.4GHz, 5GHz
Channel Width	2.4GHz: 20/40MHz	2.4GHz: 20/40MHz 5GHz: 20/40/80MHz
Tx.power	21dBm	23dBm
Coverage Range	120m <sup>2</sup>  Note: Data is acquired in an unobstructed ideal environment. Signal coverage radius depends on client performance and environmental interference.	
Software Features		
Wireless Mode	Fit AP/Fat AP (Default: Fit AP mode)	
Network	LAN: Static IP, Dynamic IP WAN: Static IP, Dynamic IP, PPPoE Client	



Model	WI-AP210-Lite	WI-AP216
Wireless	Wireless Disable or Enable Modify 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	
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: -30°C ~ 70°C(-22°F ~ 158°F) Operating Humidity: 5% ~ 95% (non-condensing) Storage Humidity: 5% ~ 95% (non-condensing)	



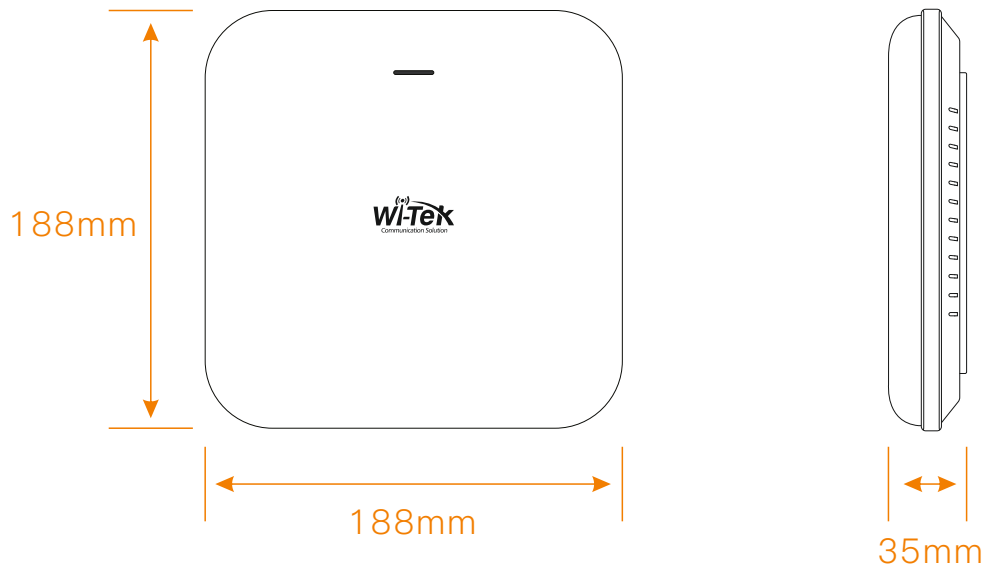
Model	WI-AP210-Lite		WI-AP216
Others			
Certification	CE, FCC, RoHS, UKCA, RCM		
MTBF	/	> 80000 H	
Product Dimensions (L x W x H)	188mm*188mm*35mm		
Package Dimensions (L x W X H)	243mm*235mm*76mm		
Product Weight	0.42kg		
Package Weight	0.65kg		



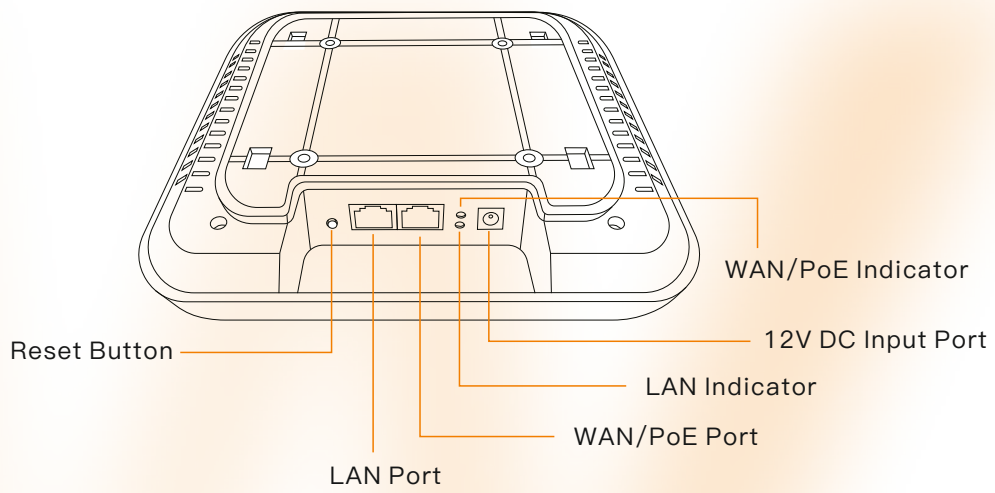
Model		WI-AP210-Lite	WI-AP216
Fast-Roaming AP Combo Recommendations			
Type	Model	Hardware Version	
Ceiling-Mount	WI-AP210-Lite	V2	
	WI-AP210-Lite	V1	
	WI-AP216	V2	
	WI-AP216	V1	
	WI-AP217-Lite	V2	
	WI-AP218AX-Lite	V2	
	WI-AP219AX-Lite	V2	
Wall-Plate	WI-AP416	V1	
	WI-AP417P	V1	
Outdoor	WI-AP310-Lite	V1	
	WI-AP316	V1	
	WI-AP316AX-Lite	V1	

WI-AP210-Lite(V2) | WI-AP216(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	1pcs
Quick Installation Guide	1pcs



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Technical Support



Cloud Management



Company Website