

Wi-Fi 4/5 Wireless Ceiling Mount Access Point

WI-AP210-Lite | WI-AP216 | WI-AP217-Lite



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, WI-AP217-Lite)

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.

Specifications



Model	WI-AP210-Lite	WI-AP216	WI-AP217-Lite
Hardware Version	V1	V1	V1
Hardware Features			
Memory	64MB RAM, 8MB Flash	64MB RAM, 8MB Flash	128MB RAM, 16MB Flash
Interface	2*10/100Mbps Base-T Ethernet Ports (WAN port supports 802.3af PoE Input)		2*10/100/1000Mbps Base-T EthernetPorts (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	100/48
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	22dBm
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	WI-AP217-Lite
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)		Operating Temperature: -20°C~45°C(-4°F ~113°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-AP210-Lite	WI-AP216	WI-AP217-Lite
Others			
Certification	CE, FCC, RoHS, UKCA, RCM		
MTBF	/	>80000 H	/
Product Dimensions (L x W x H)	188mm*188mm*13mm	188mm*188mm*13mm	188*188*50mm
Package Dimensions (L x W x H)	321*219*62mm	321*219*62mm	320*230*60mm
Product Weight	0.26kg	0.3kg	0.3kg
Package Weight	0.56kg	0.58kg	0.6kg

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