



WI-AP415
11AC Dual Band 750Mbps In-Wall AP Data-
sheet

Highlights

- 750Mbps wireless data rate for uninterrupted wireless connection
- 48V PoE(802.3af) Support for convenient and affordable installation
- Support, Fit AP, Gateway mode
- Support QVLAN binding multi-SSID
- Captive portal provides one convenient method of authentication for Wi-Fi guests
- Rate limit on per SSID to restrict the bandwidth of each client
- 20dBm Power +3dBi antenna design
- Multi-SSID divides multiple wireless network for different users
- Load balance ensures large numbers of users have smooth network experiences in high density business networks
- Simple mounting design makes easy to install on any wall
- Support 50users+ wireless access
- Compatible with 802.11 a/b/g/n/ac products
- Support hardware controller managed and Cloud Managed

Product



Description

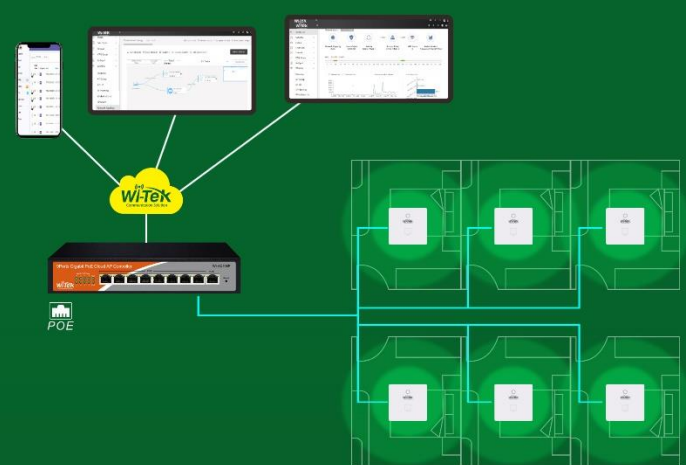
Wi-Tek's WI-AP415 Comply with the latest generation of 802.11ac Wi-Fi Technology, 2.4GHz together with wider 5GHz band, data rate can be up to 750Mbps, improving overall network performance in high client density environment; With multiple operation mode like Fit AP, Gateway mode, Work with Hardware Controller and Cloud Controller

for centralized configuration and management, access into Local or cloud server for advertisement and captive portal authentication for more business value. WI-AP210 is best applied to rural wireless Internet, wireless Hot spot and other industrial wireless solutions.

Typical Applications

Effortless Deployment with Power over Ethernet

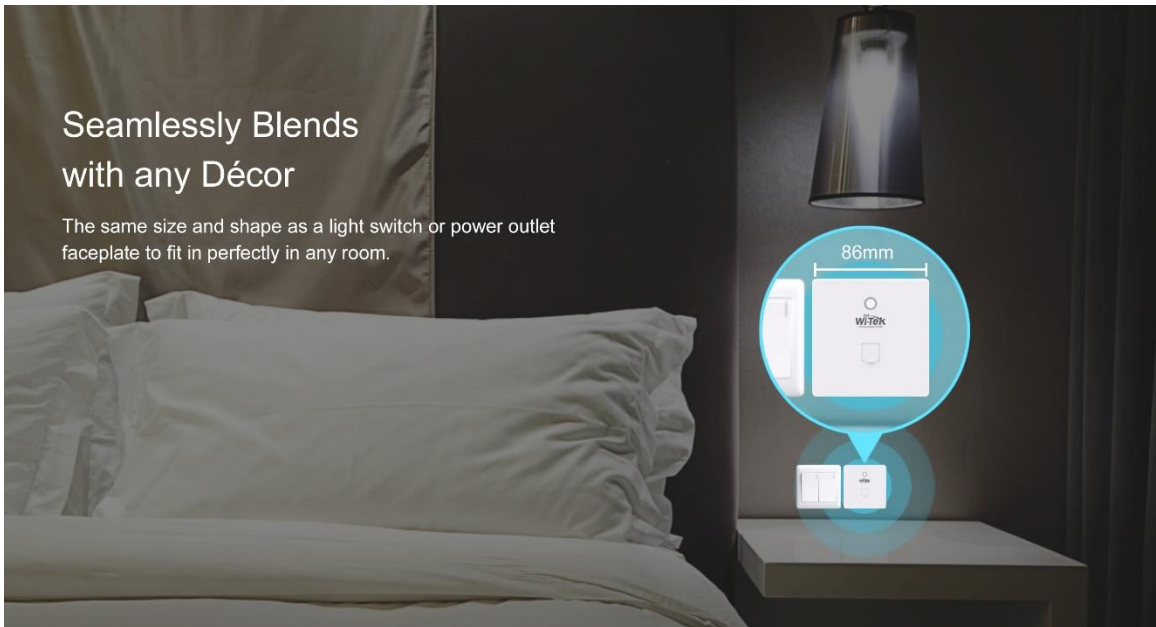
802.3af/802.3at PoE support means there's no need for extra wiring. Plug in existing Ethernet cables to transmit both power and data to your APs.



The diagram illustrates a network setup. At the top, a smartphone, a laptop displaying a management interface, and a tablet are connected to a central yellow cloud icon labeled 'Wi-Tek'. Below the cloud is a black PoE switch with a 'PoE' icon. Lines connect the switch to a floor plan on the right, which shows several rooms with AP icons and glowing green circles representing signal coverage.

Seamlessly Blends with any Décor

The same size and shape as a light switch or power outlet faceplate to fit in perfectly in any room.



The image shows a bedroom with a bed and a bedside table. A white Wi-Tek AP210 is mounted on the wall next to a light switch. A blue circular callout highlights the device, showing its dimensions as 86mm wide and 86mm high. The device has a 'Wi-Tek' logo and a small antenna.

Specifications

HARDWARE FEATURES	
Processor	Qualcomm QCA9531+QCA9887
Memory	128MB DDR2 16MB Flash
Interface	2*10/100M Ethernet Interface
Power Supply	48V 802.3af PoE
Power Consumption	4W
Dimensions (H x W x D)	86mm * 86 mm * 35 mm
Antenna Type	Internal Omni 2.4GHz: 2* 3dBi 5.8GHz: 1* 4dBi
Protection	6KV Lightning Protection
Enclosure	Wall Mounting
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11a/b/n/g/ac
Frequency	2.4GHz and 5GHz

WIRELESS FEATURES

Wireless Mode	Fit AP, Gateway
Signal Rate	2.4GHz:Up to 300Mbps 5GHz:Up to 450Mbps
Wireless Functions	Multiple SSIDs Enable/Disable Wireless Radio Automatic Channel Assignment Transmit Power Control (Adjust Transmit Power on dBm) QoS(WMM) Band Steering Load Balance Schedule Wireless Statistics based on SSID/AP/Client
Transmission Power	20dBm(100mW)

SOFTWARE FEATURES

Wireless Security	Captive Portal Authentication Access Control Wireless 802.1x Radius Mac Address Filtering Wireless Isolation Between Clients SSID to VLAN Mapping 64/128/152-bit WEP / WPA / WPA2-Enterprise, WPA- PSK / WPA2-PSK
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SOFTWARE FEATURES

Management	WEB management Cloud management Centralized Management
Hardware Controller	Yes

OTHERS

Certification	CE
Package Contents	1*AP 2*Screw included
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 10, Windows 8, Windows 7, MAC OS, NetWare, UNIX or Linux. Note: We recommend you to use one of following Web browsers for an improved user experience: Google Chrome, Safari, and Firefox. IE browsers are not recommended.
Environment	Working Temp: 0 ~ 40°C Storage Temp: -40 ~70°C Working Humidity: 10%~95% non-condensing