



# **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

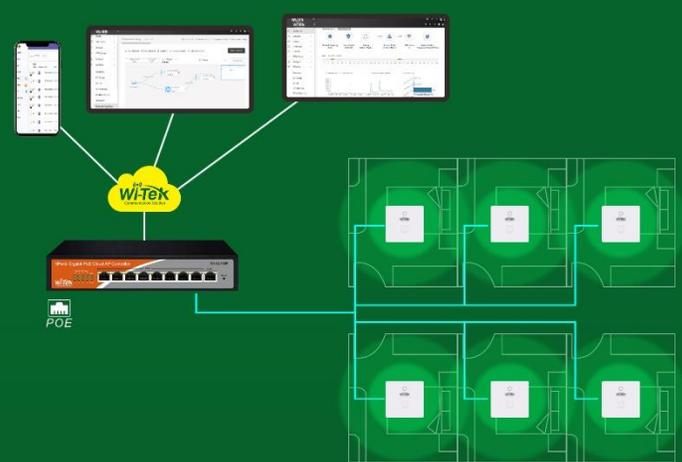
Wi-Tek's WI-AP415 Comply with the latest generation of 802.11ac Wi-Fi Technology, 2.4GHz together with wider 5GHz band, data rate can be up to 750Mbps, improving overall network performance in high client density environment; With multiple operation mode like Fit AP, Gateway mode, Work with Hardware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

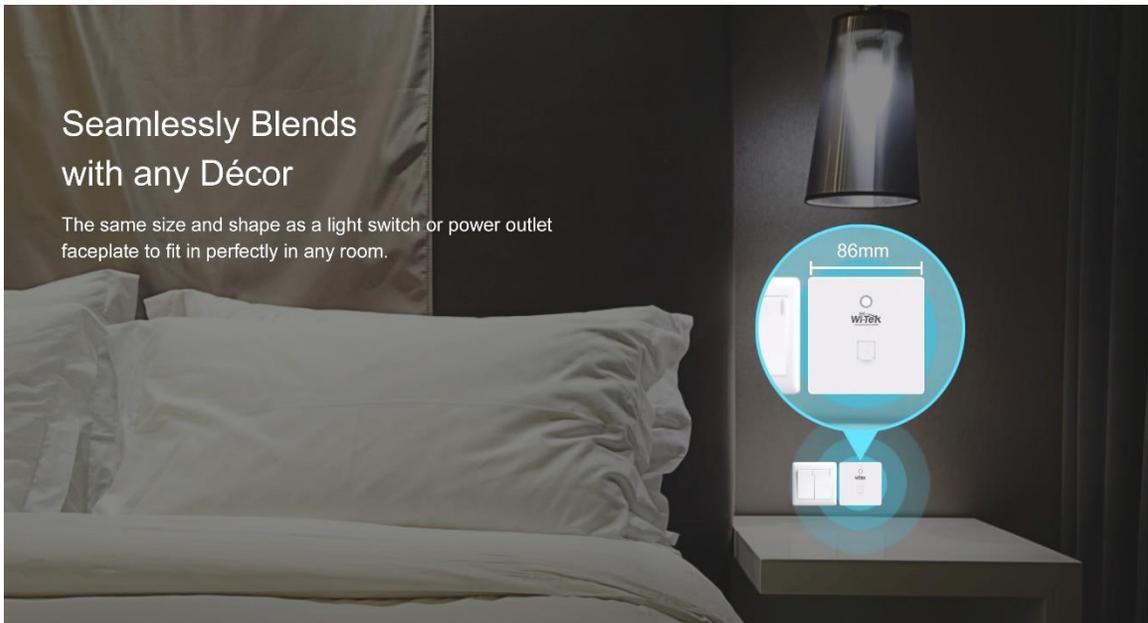
802.3af/802.3at PoE support means there's no need for extra wiring. Plug in existing Ethernet cables to transmit both power and data to your APs.



The diagram illustrates a network setup. At the top, a cloud management interface is connected to a smartphone and a laptop. Below this, a Wi-Tek PoE switch is shown with a 'PoE' icon. The switch is connected to a floor plan of a building, with several AP locations marked on the plan. The background is a dark green color.

**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 nightstand. A Wi-Tek AP210 device is mounted on the wall next to a light switch. A callout bubble highlights the device, showing its dimensions: 86mm wide and 86mm high. The device is white and has a Wi-Tek logo. The background is a dark room with a lamp and a bed.

## Specifications

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

## WIRELESS FEATURES

<b>Wireless Mode</b>	Fit AP, Gateway
<b>Signal Rate</b>	2.4GHz:Up to 300Mbps 5GHz:Up to 450Mbps
<b>Wireless Functions</b>	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
<b>Transmission Power</b>	20dBm(100mW)

## SOFTWARE FEATURES

<b>Wireless Security</b>	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

<b>Management</b>	WEB management Cloud management Centralized Management
<b>Hardware Controller</b>	Yes

## OTHERS

<b>Certification</b>	CE
<b>Package Contents</b>	1*AP 2*Screw included
<b>System Requirements</b>	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.
<b>Environment</b>	Working Temp: 0 ~ 40°C Storage Temp: -40 ~70°C Working Humidity: 10%~95% non-condensing