WI-CAP215
11AC Dual Band 750Mbps Indoor
Ceiling Mount Cloud Access Point
Data sheet

www.wireless-tek.com

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
- 23dBm High-Power 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 or ceiling surface
- Support 70users+ wireless access
- Compatible with 802.11 a/b/g/n/ac products
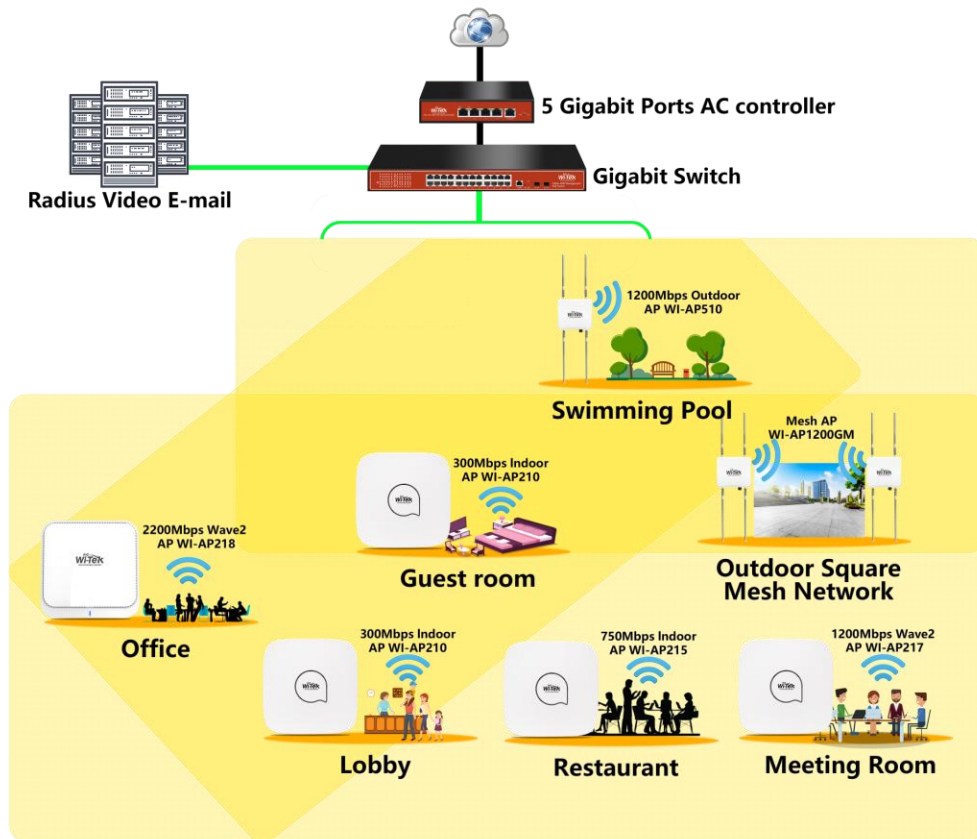- Support hardware controller managed and Cloud managed

Product

Description

Wi-Tek's WI-CAP215 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-CAP215 is best applied to rural wireless Internet, wireless hot spot and other industrial wireless solutions.

Typical Applications

Specifications

HARDWARE FEATURES

Processor	Qualcomm QCA9531+AR9887
Memory	128MB DDR2 16MB Flash
Interface	1*10/100M Ethernet Interface
Power Supply	48V 802.3af PoE
Power Consumption	8W
Dimensions (H x W x D)	188mm * 188 mm * 35 mm
Antenna Type	Internal Omni 2.4GHz: 2* 3dBi 5GHz: 1*3dBi
Protection	6KV Lightning Protection
Enclosure	Ceiling /Wall Mounting (Kits included)

WIRELESS FEATURES

Wireless Standards	IEEE 802.11ac/n/g/b/a
Frequency	2.4GHz and 5.8GHz
Wireless Mode	Fit AP, Gateway

WIRELESS FEATURES

Signal Rate	5GHz:Up to 450Mbps 2.4GHz:Up to 300Mbps
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	23dBm

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

SOFTWARE FEATURES

Management	WEB management Centralized management Cloud management
Hardware Controller	Yes

OTHERS

Certification	CE
Package Contents	1*AP 1* Pole Mounting Kit 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