



WI-AP217
11AC Wave2 Dual Band 1200Mbps Gigabit
Indoor Ceiling Mount Access Point
Data sheet

Highlights

- 1200Mbps wireless data rate for uninterrupted wireless connection
- 48V PoE(802.3af) Support for convenient and affordable installation
- Support Repeater, AP, Gateway, WISP 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
- 27dBm 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 150users+ wireless access
- Compatible with 802.11 a/b/g/n/ac products
- Support hardware controller managed

Product

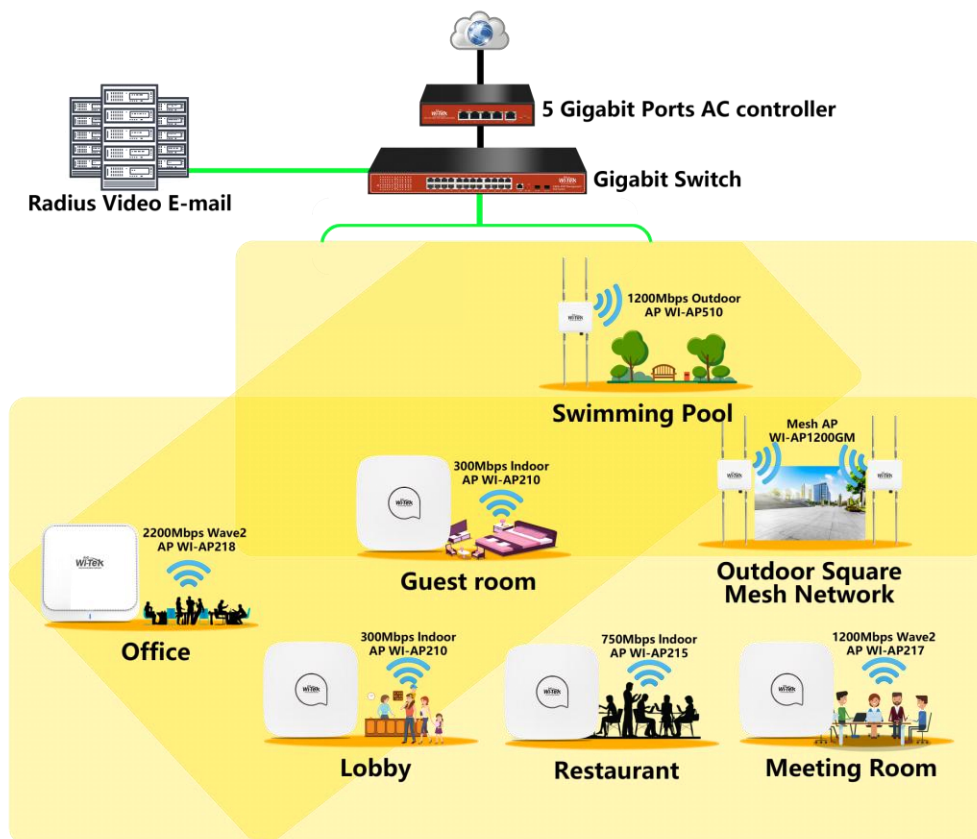


Description

Wi-Tek's WI-AP217 Comply with the latest generation of 802.11ac Wave2 Wi-Fi Technology, 2.4GHz together with wider 5GHz band, data rate can be up to 1200Mbps, improving overall network performance in high client density environment; With multiple operation mode like Wireless AP, Gateway, Repeater, WISP mode, Work with Hardware

Controller for centralized configuration and management, access into Local or cloud server for advertisement and captive portal authentication for more business value. WI-AP217 is best applied to rural wireless Internet, wireless hotspot and other industrial wireless solutions.

Typical Applications



Specifications

HARDWARE FEATURES

Processor	Qualcomm QCA9563
Memory	128MB DDR2 16MB Flash
Interface	2*100/1000M Ethernet Interface
Power Supply	48V 802.3af PoE
Power Consumption	10W
Dimensions (H x W x D)	188mm * 188 mm * 35 mm
Antenna Type	Internal Omni 2.4GHz: 2* 5dBi 5GHz: 2*5dBi
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 5GHz
Wireless Mode	AP, Gateway, Repeater, WISP
Signal Rate	5GHz:Up to 900Mbps

WIRELESS FEATURES

	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	27dBm(500mW)

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	WEP 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