



WI-AP218
11AC Wave2 Triple Band Gigabit
2200Mbps Indoor
Ceiling Mount Access Point
Data sheet

Highlights

- 2200Mbps wireless data rate for uninterrupted wireless connection
- 48V PoE(802.3at) Support for convenient and affordable installation
- Captive portal provides one convenient method of authentication for Wi-Fi guests
- Support Repeater, AP, Gateway, WISP mode
- Support QVLAN binding multi-SSID
- 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 250 users+ wireless access
- Compatible with 802.11 a/b/g/n/ac products
- Support hardware controller managed

Product

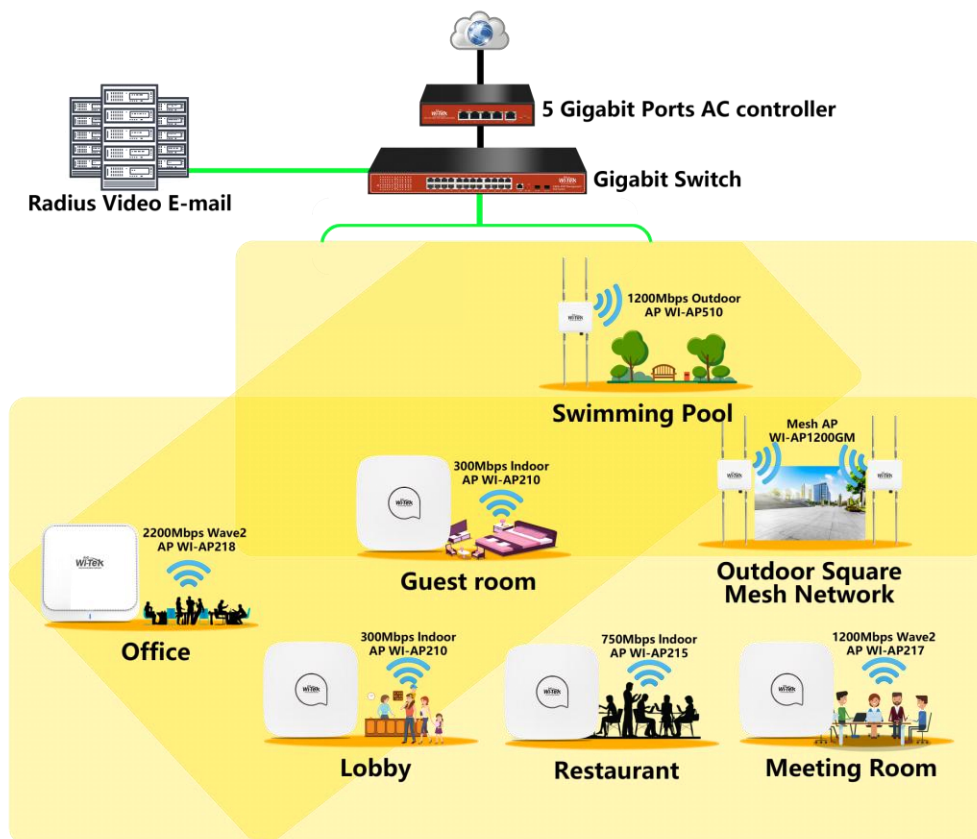


Description

Wi-Tek's WI-AP218 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 2200Mbps, 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 cloud server for advertisement and captive portal authentication for more business value. WI-AP218 is best applied to rural wireless Internet, wireless hot spot and other industrial wireless solutions.

Typical Applications



Specifications

HARDWARE FEATURES

Processor	Qualcomm IPQ4019
Memory	256MB DDR2 32MB Flash
Interface	2*10/100/1000M Ethernet Interface
Power Supply	48V 802.3at PoE
Power Consumption	20W
Dimensions (H x W x D)	200x200x35mm
Antenna Type	Internal Omni 2.4GHz: 1* 5dBi 5GHz: 4*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 1800Mbps 2.4GHz:Up to 400Mbps

WIRELESS FEATURES

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: -40 ~ 70°C Storage Temp: -40 ~ 85°C Working Humidity: 10%~95% non-condensing