



**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

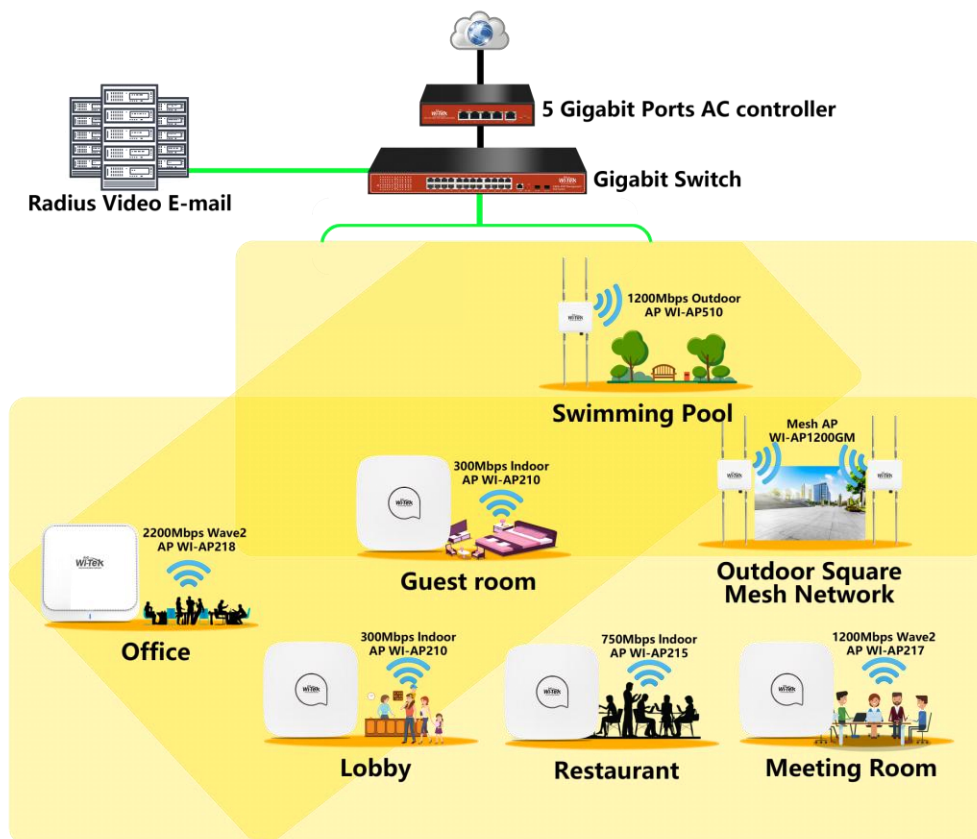


## Description

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

<b>Processor</b>	Qualcomm IPQ4019
<b>Memory</b>	256MB DDR2 32MB Flash
<b>Interface</b>	2*10/100/1000M Ethernet Interface
<b>Power Supply</b>	48V 802.3at PoE
<b>Power Consumption</b>	20W
<b>Dimensions ( H x W x D )</b>	198mm * 198mm * 32mm
<b>Antenna Type</b>	Internal Omni 2.4GHz: 1* 5dBi 5GHz: 4*5dBi
<b>Protection</b>	6KV Lightning Protection
<b>Enclosure</b>	Ceiling /Wall Mounting (Kits included)

<b>WIRELESS FEATURES</b>	
<b>Wireless Standards</b>	IEEE 802.11ac/n/g/b/a
<b>Frequency</b>	2.4GHz and 5GHz
<b>Wireless Mode</b>	AP, Gateway, Repeater ,WISP
<b>Signal Rate</b>	5GHz:Up to 1800Mbps 2.4GHz:Up to 400Mbps

## WIRELESS FEATURES

<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>	27dBm(500mW)

## 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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<b>SOFTWARE FEATURES</b>	
<b>Management</b>	WEP management
<b>Hardware Controller</b>	Yes

<b>OTHERS</b>	
<b>Certification</b>	CE
<b>Package Contents</b>	1*AP 1* Pole Mounting Kit 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