WI-AP510
11AC 1200Mbps Wave 2
Outdoor Access Point
Data sheet

Highlights

- 2x2MIMO Wave 2 1200Mbps 802.11ac outdoor access point
- 500 Meters LOS wireless cover range, up to 200 users
- Suport AP, Repeater, Router, WISP mode
- Support QVLAN binding multi-SSID
- 1 x Gigabit Ethernet port(WAN/LAN)
- 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
- 48V 802.3at PoE supported
- Support hardware controller managed
- IP67 rated, weather and dust sealed
- 4* N-type contactor for external antenna
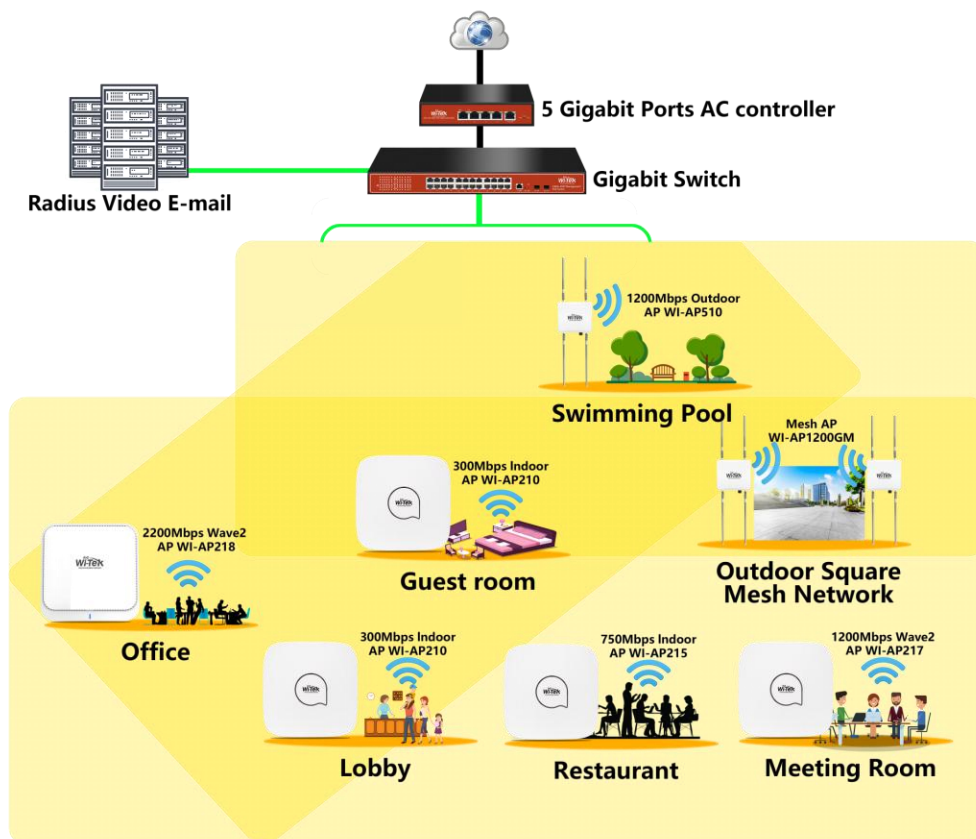- Flexible wall or pole mounting options

Product

Description

Wi-Tek's WI-AP510 Comply with the latest generation of 2.4G&5G 802.11ac Wi-Fi

Technology, data rate can be up to 1200Mbps，can access 300 users max for cover

500 meters area , improving overall network performance in high client density

environment; With multiple operation mode like Wireless AP， WI-FI repeater,

Router,WISP Work with Hardware Controller (root AP)for centralized configuration and management, access into cloud server for advertisement and captive portal authentication for more business value. WI-AP510 is best applied to rural wireless Internet, wireless hot spot and other industrial wireless solutions.

Typical Applications

Specifications

HARDWARE FEATURES

Processor	Qualcomm QCA9563
Memory	256MB DDR2 16MB Flash
Interface	1*100/1000M Ethernet Interface
Power Supply	48V 802.3at PoE
Power Consumption	25W
Dimensions (H x W x D)	250x250x100mm
Antenna Type	4* N-type connector
Protection	10KV Lightning Protection
Enclosure	Pole Mounting (Kits included)

WIRELESS FEATURES	
Wireless Standards	IEEE 802.11ac/n/g/b/a
Frequency	2.3-2.7GHz 4.7-6.0Ghz
Wireless Mode	AP, Router, Repeater, WISP
Signal Rate	2.4GHz:Up to 300Mbps 5GHz:Up to 900Mbps

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

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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
Management	WEP management
Hardware Controller	Yes

OTHERS

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

OTHERS	
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