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

Highlights

- 2x2MIMO Wave 2 1200Mbps 802.11ac outdoor access point
- 800 Meters LOS wireless cover range(under 8dBi Onmi antenna), up to 300+ users
- Support Fit AP, Router 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
- 30dBm High-Power design
- Multi-SSID divides multiple wireless Network for different users
- 48V 802.3at PoE supported
- Support hardware controller managed and Cloud managed
- IP67 rated, weather and dust sealed
- 4* N-type contactor for external antenna
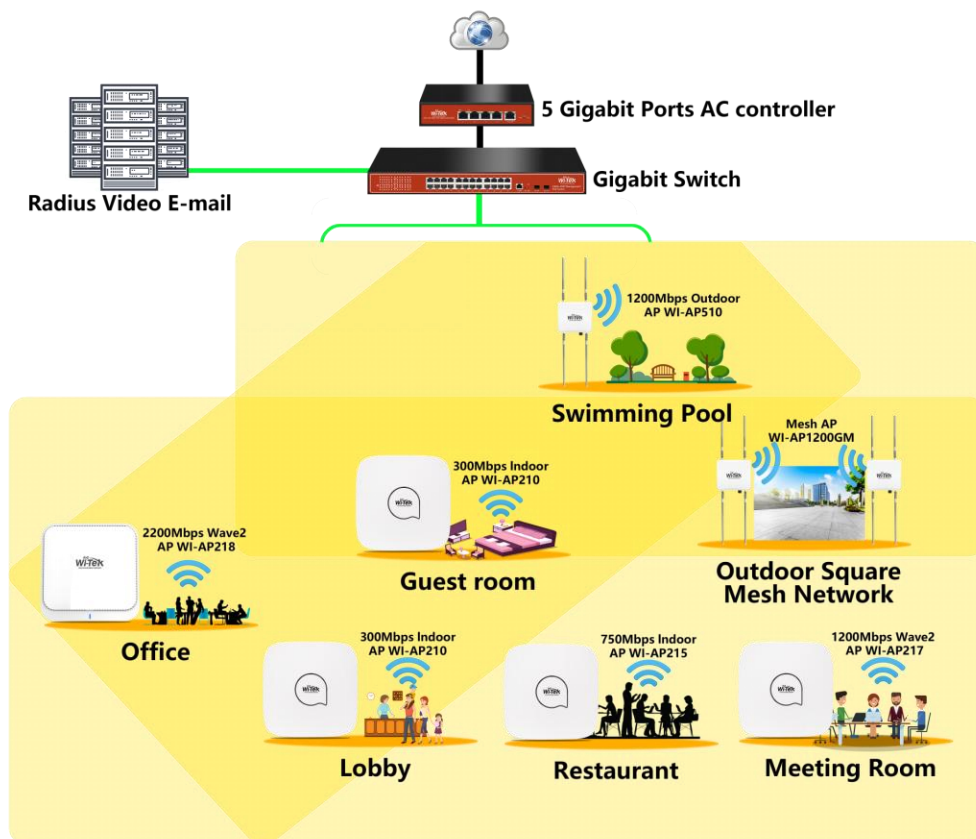- Flexible wall or pole mounting options

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

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

environment; With multiple operation mode like Fit AP, Router mode Work with

Hardware Controller and Cloud Controller 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	2.4GHz and 5.8Ghz
Wireless Mode	Fit AP, Router
Signal Rate	2.4GHz:Up to 300Mbps

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WIRELESS FEATURES	
	5GHz:Up to 900Mbps
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	30dBm(1000mW)

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
Management	WEB management Cloud management Centralized Management
Hardware Controller	Yes

OTHERS

Certification	CE
Package Contents	1*AP

OTHERS	
	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%~90% non-condensing

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