



WI-AP315
11AC 750Mbps Outdoor Access
Point
Data sheet

Highlights

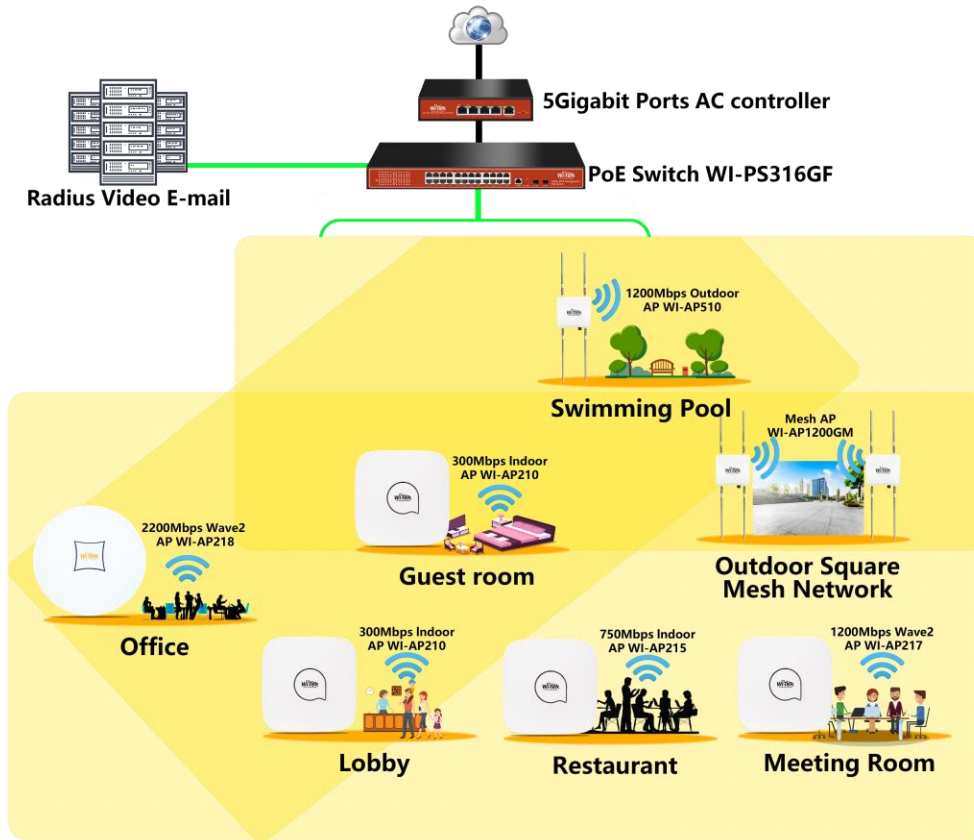
- 2x2MIMO 750Mbps 802.11ac outdoor access point
- 400 Meters LOS wireless cover range, up to 90 users
- Support AP, Repeater, Router, WISP mode
- Support QVLAN binding multi-SSID
- 2 x 100Mbps Ethernet port(WAN/LAN)
- Captive portal provides one convenient method of authentication for Wi-Fi guests
- 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
- 3*5dB inside Omni antenna
- Flexible wall or pole mounting options



Description

Wi-Tek's WI-AP315 Comply with the latest generation of 2.4G&5G 802.11ac Wi-Fi Technology, data rate can be up to 750Mbps, can access 90 users max for cover 400 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-AP315 is best applied to rural wireless Internet, wireless hot spot and other industrial wireless solutions.

Typical Applications



Specifications

HARDWARE FEATURES	
Processor	Atheros QCA9531+QCA9887
Memory	128MB DDR2 16MB Flash
Interface	2*10/100M Ethernet Interface

Power Supply	48V 802.3at PoE
Power Consumption	15W
Dimensions (H x W x D)	160x45x35mm
Antenna Type	3*5dB Omni antenna
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, Mesh, WISP
Signal Rate	2.4GHz:Up to 300Mbps 5GHz:Up to 450Mbps
Wireless Functions	Multiple SSIDs Enable/Disable Wireless Radio Automatic Channel Assignment Transmit Power Control (Adjust Transmit Power on dBm) QoS(WMM) Band

WIRELESS FEATURES	
	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
Management	WEP management SSH, SNMP Telnet

SOFTWARE FEATURES	
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: -20 ~ 70°C Storage Temp: -40 ~85°C Working Humidity: 10%~95% non-condensing