



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

Highlights

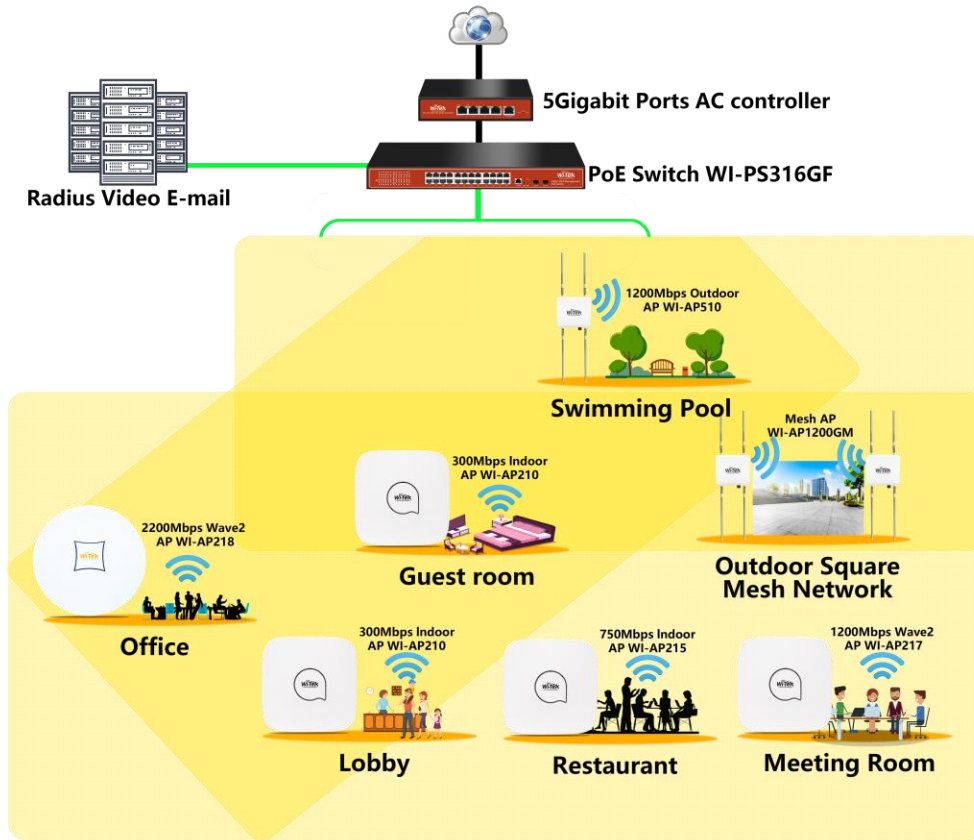
- 2x2MIMO 750Mbps 802.11ac outdoor access point
- 400 Meters LOS wireless cover range, up to 90 users
- Support AP, Repeater, Router, WISP mode
- Support QVLAN binding multi-SSID
- 2 x 100Mbps Ethernet port(WAN/LAN)
- Captive portal provides one convenient method of authentication for Wi-Fi guests
- 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 |