



# **WI-AP315**

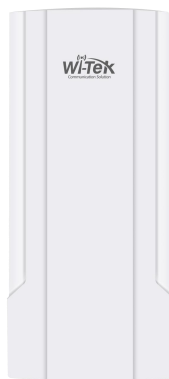
## **11AC 750Mbps Outdoor Access Point**

### **Datasheet**

## 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\*5dBi inside Omni antenna
- Flexible wall or pole mounting options

## Product



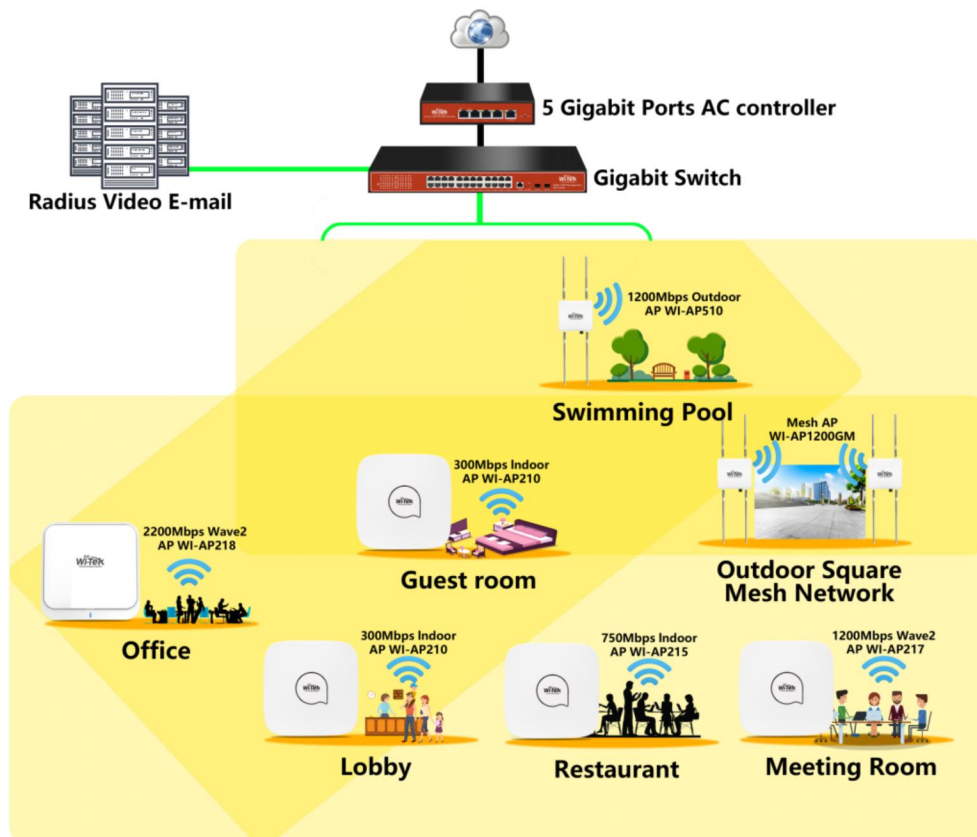
## Description

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

<b>HARDWARE FEATURES</b>	
<b>Processor</b>	Atheros QCA9531+QCA9887
<b>Memory</b>	128MB DDR2 16MB Flash
<b>Interface</b>	2*10/100M Ethernet Interface
<b>Power Supply</b>	48V 802.3at PoE
<b>Power Consumption</b>	15W
<b>Dimensions ( H x W x D )</b>	315x135x62mm
<b>Antenna Type</b>	3*5dBi Omni antenna
<b>Protection</b>	10KV Lightning Protection
<b>Enclosure</b>	Pole Mounting (Kits included)

<b>WIRELESS FEATURES</b>	
<b>Wireless Standards</b>	IEEE 802.11ac/n/g/b/a
<b>Frequency</b>	2.3-2.7GHz 4.7-6.0Ghz

## WIRELESS FEATURES

<b>Wireless Mode</b>	AP, Router, Repeater, Mesh, WISP
<b>Signal Rate</b>	2.4GHz:Up to 300Mbps 5GHz:Up to 450Mbps
<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

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<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
<b>Management</b>	WEP management
<b>Hardware Controller</b>	Yes

## OTHERS

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

<b>OTHERS</b>	
<b>System Requirements</b>	<p>Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 10, Windows 8, Windows 7, MAC OS, NetWare, UNIX or Linux.</p> <p>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.</p>
<b>Environment</b>	<p>Working Temp: -40 ~ 70°C Storage Temp: -40 ~85°C Working Humidity: 10%~95% non-condensing</p>