![WI-Tek Communication Solution logo]

**WI-AP310
2.4G 300Mbps
Outdoor Access
Point**

**WI-Tek's WI-AP310** Comply with the latest generation of 2.4G 802.11N Wi-Fi Technology, data rate can be up to 300Mbps, improving overall network performance in high client density environment; With multiple operation mode like Wireless AP, Gateway, it can work with Hardware Controller for centralized configuration and management, access into cloud server for advertisement and captive portal authentication for more business value. WI-AP310 is best applied to rural wireless Internet, wireless hotspot and other industrial wireless solutions

**Highlights:**
300Mbps wireless data rate for uninterrupted wireless connection
Suports AP, Router,WISP mode
Support Qvlan binding multi-SSID
24V PoE Support for convenient and affordable installation
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
Simple mounting design makes easy to install on any wall or ceiling surface
Support 802.1X Radius
Support 40users+ wireless access
Compatible with 802.11 a/b/g/n products
Support hardware controller managed
2*R-SMA contactor with 6dBi external antenna
P45 Waterproof case for outdoor used

## HARDWARE FEATURES

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|---|---|
| **Processor** | Atheros QCA9531 |
| **Memory** | 64MB DDR2 16MB Flash |
| **Interface** | 2*10/100M Ethernet Interface |
| **Power Supply** | 24V PoE |
| **Power Consumption** | 6W |
| **Dimensions** | ( H x W x D ) 160x160x35mm |
| **Antenna Type** | 2*External SMA connector. 6dBi Antenna included |
| **Protection** | 16KV Lightning Protection |
| **Enclosure** | Wall Mounting (Kits included) |
| | |
| **Wireless Standards** | IEEE 802.11ac/n/g/b/a |
| **Frequency** | 2.4GHz |
| **Wireless Mode** | AP, Router,WISP |
| **Signal Rate** | 2.4GHz:Up to 300Mbps |
| **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) |

## WIRELESS 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, SSH, SNMP Telnet |
| **Hardware Controller** | Yes |