

Wi-Fi 4/5 Wireless Outdoor Access Point

WI-AP310-Lite| WI-AP316



Overview

Wi-Tek's outdoor AP is suitable for outdoor Wi-Fi coverage scenarios. The AP supports 24V Passive PoE Input and 12V DC IN, providing more flexible power supply options in different installation environments. With dual LAN port design, it expands the connections to external devices such as cameras and network devices, meeting the networking requirements of more devices. Adopting an outdoor IP65 weatherproof design, it can easily adapt to various harsh outdoor environments. In addition, the AP also supports cloud management functions. Users can quickly complete network-wide equipment configuration, remote management, and operation and maintenance, greatly reducing equipment costs, labor costs and time costs for wireless network construction.

Features

Professional Outdoor Weatherproof Design

Equipped with durable IP65 weatherproof enclosure, the AP can work in various harsh outdoor environment.

Flexible power supply modes

The AP supports not only 12V DC Input but also 24V Passive PoE Input, offering flexible power supply options in different installation environment. Adopting 24V Passive PoE Input can enable Ethernet port to carry data and power simultaneously via one cable, making deployment easy and flexible.

Fast Roaming

The AP supports fast roaming which realizes the switching time between APs. The terminals such as phone, tablet automatically connects to the fastest AP as users move between APs.

Multi-SSIDs

Supporting QVLAN binding multi-SSIDs, the AP can bind different SSIDs to different TAG VLANs and set different SSIDs for different departments of the enterprise, which realizes the isolation between SSIDs, and flexibly controls the access rights of wireless networks.

Mesh Technology

With Mesh technology, the AP can realize quick connections with multiple access points to enlarge network coverage. Besides, it also realizes network self-healing if one of the nodes fails.

Cloud Management

Wi-Tek Cloud's quick configuration provide reliable performance, visual management, and real-time monitoring, enhancing the efficiency of device management.

Specifications



| Model | WI-AP310-Lite | | WI-AP316 |
|----------------------------|---|--|----------|
| Hardware Version | V1 | | V1 |
| Hardware Features | | | |
| Memory | 64MB RAM 8MB Flash | | |
| Interface | 2*10/100Mbps Base-T Ethernet Ports (WAN port supports 802.3af PoE Input) | | |
| Button | 1*Reset Button | | |
| Power Supply | 24V Passive PoE or DC 12V/1A | | |
| Power Consumption (Max) | 10W | 10W | |
| Wireless Features | | | |
| Standards | IEEE 802.11b/g/n | IEEE 802.11a/b/g/n/ac | |
| Data Rates | 2.4GHz: up to 300Mbps | 2.4GHz: up to 300Mbps 5GHz: up to 867Mbps | |
| MIMO | 2.4GHz: 2x2 | 2.4GHz: 2x2 5GHz: 2x2 | |
| Antenna | 2.4GHz: 5dBi | 2.4GHz: 5dBi 5GHz: 5dBi | |
| Frequency | 2.4GHz | 2.4GHz, 5GHz | |
| Channel Width | 2.4GHz: 20/40MHz | 2.4GHz: 20/40MHz 5GHz: 20/40/80MHz | |
| Max. TX power | 23dBm | 23dBm | |
| Software Features | | | |
| Wireless Mode | Fit AP/Fat AP (Default: Fit AP mode) | | |
| Network | LAN: Static IP, Dynamic IP WAN: Static IP, Dynamic IP, PPPoE Client | | |
| Wireless | Wireless Disable or Enable Modify SSID SSID Hiding | | |
| Wireless Security | WPA-TKIP , WPA2-AES, WPA1/WPA2-Mixed, WPA-Enterprise, WPA2-Enterprise | | |
| VLAN | Supports IEEE 802.1Q VLAN Supports SSID-to-VLAN mapping | | |



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|-------------------|---|----------|
| Wi-Fi Schedule | Yes | |
| RF Parameter | Adjustable Country Auto Channel Width Selection Automatic Frequency Selection Adjustable Transmission Power Max Associated STA (default: 128) Weak Signal Rejection Threshold(default: -95dBm) User Isolation(default: disabled) Supports Wi-Fi Multimedia (WMM) | |
| Advanced | Multiple SSID (Up to 8 per radio) Ping Watchdog Scheduled Reboot DHCP Server NTP Server Diagnosis: PING, TRACERT | |
| Status Monitoring | Base Info: LAN/WAN Info, Wireless Info, System Info Radio Status Real Time Flow Chart Wireless Terminal Station SSID List DHCP Client ARP Table Routing Table | |
| Management | Quickly scan devices by discovery tools Web-based management by locally Support remote management by cloud platforms and applications Support AC management | |
| Environment | Operating Temperature: -40°C ~ 55°C(-40°F ~ 131°F) Storage Temperature: -40°C ~ 70°C(-40°F ~ 158°F) Operating Humidity: 5% ~ 95% (non-condensing) Storage Humidity: 5% ~ 95% (non-condensing) | |



| Model | | WI-AP310-Lite | WI-AP316 |
|-----------------------------------|--------------------------|---------------|---------------|
| Others | | | |
| Certification | CE, FCC, RoHS, UKCA, RCM | | |
| Product Dimensions (L x W x H) | 340*85*35mm | | |
| Package Dimensions (L x W x H) | 210*110*100mm | | 210*110*100mm |
| Product Weight | 0.2kg | 0.21kg | |
| Package Weight | 0.45kg | 0.5kg | |

Package Contents

Welcome to order our products. After purchasing, you will receive:

| Items | Quantity |
|--------------------------|----------|
| AP | 1 pcs |
| Plastic Strap | 2 pcs |
| Power Adapter | 1 pcs |
| Ethernet Cable | 1 pcs |
| Quick Installation Guide | 1 pcs |



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Technical Support



Cloud Management



Company Website