

# 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	
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
Max/Recommended Clients	30/16	50/36
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	



Model	WI-AP310-Lite
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Fast-Roaming AP Combo Recommendations

Type	Model	Hardware Version
Ceiling-Mount	WI-AP210-Lite	V2
	WI-AP210-Lite	V1
	WI-AP216	V2
	WI-AP216	V1
	WI-AP217-Lite	V2
	WI-AP218AX-Lite	V2
	WI-AP219AX-Lite	V2
Wall-Plate	WI-AP416	V1
	WI-AP417P	V1
Outdoor	WI-AP310-Lite	V1
	WI-AP316	V1
	WI-AP316AX-Lite	V1

## 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



Wireless-Tek Technology Limited

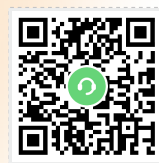
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Technical Support



Cloud Management



Company Website