

Wi-Fi 6 Wireless Outdoor Access Point

WI-AP316AX-Lite



Overview

Wi-Tek's outdoor AP is designed for outdoor Wi-Fi coverage scenarios. Supporting 802.af/at PoE Input, it makes deployment easy and flexible. WI-AP316AX-Lite adopts IP65 weatherproof design, which makes it easy to adapt to various harsh outdoor environments. In addition, it supports cloud management, and users can quickly configure, remotely manage and operate network-wide equipment, greatly reducing equipment investment costs.

Features

Ultra-Fast Speed

The AP provides combined wireless speed of up to 3000Mbps, which brings smooth internet experience to the users.

High-Performance Design

By introducing new technologies such as OFDMA, WI-AP316AX-Lite has greatly improved its performance such as providing stable connection and fast speed to multiple terminals.

Professional Outdoor Weatherproof Design

The WI-AP316AX-Lite, with a durable high-grade weatherproof enclosure and IP65 rating, operates reliably in harsh outdoor environments.

Flexible power supply methods

The AP supports not only DC Input but also 802.3af/at PoE Input, offering flexible power supply options in different installation environment. Adopting 802.3af/at PoE Input can enable Ethernet port to carry data and power simultaneously via one cable, making deployment easy and flexible.

Fast Roaming

This AP supports fast roaming, ensuring short switching time between APs. As users move, terminals such as phones and tablets automatically connect to the optimal AP for seamless mobility.

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-AP316AX-Lite
Hardware Version	V1
Hardware Features	
Memory	256MB RAM 128MB Flash
Interface	2*10/100/1000Mbps Base-T Ethernet Ports (WAN port supports 802.3af PoE Input)
Button	1*Reset Button
Power Supply	802.3af PoE Input or DC 12V/1.5A
Power Consumption (Max)	10W
Wireless Features	
Standards	IEEE 802.11a/b/g/n/ac/ax
Max/ Recommended Clients	128/ 80
Data Rates	2.4GHz: up to 574Mbps 5GHz: up to 2402Mbps
MIMO	2.4GHz: 2 x 2 5GHz: 2 x 2
Antenna	2.4GHz: 5dBi 5GHz: 5dBi
Frequency	2.4GHz, 5GHz
Channel Width	2.4GHz: 20/40MHz 5GHz: 20/40/80/160MHz
Max. TX power	23dBm
Coverage Range	2.4GHz max/ recommended: 100m/ 50m
	5GHz max/ recommended: 100m/ 50m
	Note: Data is acquired in an unobstructed ideal environment. Signal coverage radius depends on client performance and environmental interference.

Model	WI-AP316AX-Lite
Software Features	
Wireless Mode	Fit AP/Wireless Router
Network	LAN: Static IP, Dynamic IP WAN: Static IP, Dynamic IP, PP PoE Client
Wireless	Wireless Disable or Enable Modify SSID SSID Hiding
Wireless Security	WPA-TKIP, WPA2-AES, WPA1/WPA2-Mixed, WPA-Enterprise, WPA2-Enterprise, WPA2/WPA3-Mixed
Vlan	Supports IEEE 802.1Q VLAN Supports SSID-to-VLAN mapping
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)
Advances	Multiple SSID (Up to 8 per radio) Ping Watchdog Scheduled Reboot DHCP Server NTP Server Diagnosis: PING,TRACERT
Status Monitoring	BaseInfo: LAN/WAN Info, Wireless Info, System Info Radio Status Real Time Flow Chart Wireless Terminal Station SSID List DHCP Client ARP Table Routing Table

Model	WI-AP316AX-Lite
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: -30°C~55°C(-22°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)
Others	
Certification	CE, FCC, ROHS, UKCA, RCM
Product Dimensions (L×W×H)	196*86*40mm
Packet Dimensions (L×W×H)	236*92*90mm
Product Weight	0.29kg
Packet Weight	0.66kg

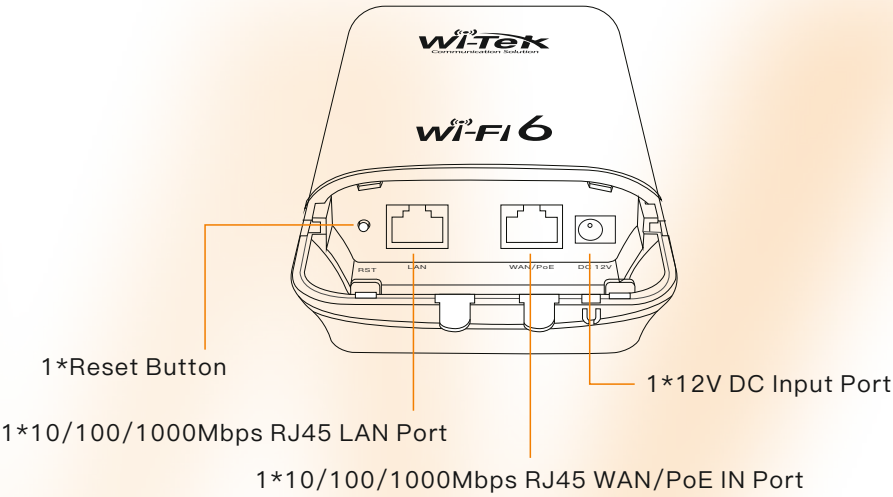
Model		WI-AP316AX-Lite
Fast-Roaming AP Combo Recommendations		
Type	Model	Hardware Version
Ceiling-Mount	WI-AP210-Lite	V2
	WI-AP210-Lite	V1
	WI-AP216	V2
	WI-AP216	V1
	WI-AP217-Lite	V2
	WI-AP218AX-Lite	V2
	WI-AP219AX-Lite	V2
Wall-Plate	WI-AP416	V1
	WI-AP417P	V1
Outdoor	WI-AP310-Lite	V1
	WI-AP316	V1
	WI-AP316AX-Lite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

WI-AP316AX-Lite

Dimensions (mm)



Back Panel



Package Contents

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

Items	Quantity
WI-AP316AX-Lite	1 pcs
48V PoE Adapter	1 pcs
AC Power Cord	1 pcs
Ethernet Cable	1 pcs
Metal Strap	1 pcs
Plastic Anchor	2 pcs
Self-Tapping Screw	2 pcs
Quick Installation Guide	1 pcs



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Technical Support



Cloud Management



Company Website