



Wi-Fi 6 Indoor Wireless Ceiling Mount Access Point

WI-AP219AX-Lite

Overview

WI-AP219AX-Lite is a high-performance Wi-Fi 6 AP suitable for indoor large-area Wi-Fi coverage scenarios. The device supports 802.3at PoE power for easy installation. WI-AP219AX-Lite complies with the 802.11a/b/g/n/ac/ax Wi-Fi protocol, supports 160MHz bandwidth and MU-MIMO dual-spatial streams, and provides a smoother wireless experience. It can operate at both 2.4GHz and 5GHz, providing high-speed wireless access up to 574Mbps in 2.4GHz, up to 2402Mbps in 5GHz, and up to 2976Mbps per AP in total, making it ideal for many wireless scenarios, especially in offices, shopping malls, hotels, service scenarios, etc.

Features

Ultra-Fast Wi-Fi 6 Speeds

Build ultra-high-performance Wi-Fi with 2976Mbps throughput.

Gigabit Wired Performance

Boosts overall throughput with a Gigabit Ethernet port.

High-Efficiency Wi-Fi 6

By introducing new technologies such as OFDMA, upstream MU-MIMO, BSS Coloring, and TWT, the system has greatly improved its performance. Compared with Wi-Fi 5, it has four times more bandwidth and concurrent users, with lower latency and more energy saving.

Cloud Management

Support Wi-Tek cloud unified management and tuning, making operation and maintenance easier.

Fast Roaming

802.11kvr fast roaming provides fast switching to the access point with the optimal signal when moving between APs.

Support Multiple Working Modes

The device supports Fit AP/Fat AP/Repeater/WISP multiple working modes, the configuration is more flexible, the application features are more abundant, and the application scenarios are more extensive.



Products	WI-AP219AX-Lite
Hardware Specifications	
Wireless Standards	IEEE 802.11ax/ac wave2/wave1/n/b/g/a
Operating Bands	2.4GHz & 5GHz
Antenna	2.4GHz:4dBi, 5GHz: 4dBi
Spatial Streams	2.4GHz: 2x2 MIMO 5GHz: 2x2 MIMO
Signal Rate	Up to 574Mbps at 2.4GHz Up to 2402Mbps at 5GHz
Receiver Sensitivity	2.4GHz 802.11b: -85dBm@11M -90dBm@1M 802.11g: -72dBm@54M -90dBm@6M 802.11n HT20: -70dBm@MCS7 -87dBm@MCS0 802.11n HT40: -68dBm@MCS7 -85dBm@MCS0 802.11ax HE20: -60dBm@MCS11 -83dBm@MCS0 802.11ax HE40: -56dBm@MCS11 -83dBm@MCS0 5GHz 802.11a: -72dBm@54M -92dBm@6M 802.11n HT20: -70dBm@MCS7 -90dBm@MCS0 802.11n HT40: -68dBm@MCS7 -88dBm@MCS0 802.11ac VHT20: -70dBm@MCS8 -88dBm@MCS0 802.11ac VHT40: -68dBm@MCS9 -88dBm@MCS0 802.11ac VHT80: -58dBm@MCS9 -85dBm@MCS0 802.11ax HE20: -62dBm@MCS11 -88dBm@MCS0 802.11ax HE40: -58dBm@MCS11 -86dBm@MCS0 802.11ax HE80: -55dBm@MCS11 -84dBm@MCS0 802.11ax HE160: -51dBm@MCS11 -82dBm@MCS0
Maximum Transmit Power	≤23dbm
Interface	(1)10/100/1000M Base-T Ethernet ports
Power Supply	802.3at PoE Supported
Power Consumption	< 16W
Installation	Wall/Ceiling mounting
External Buttons	reset button (long press for 8 seconds to restore the factory default configuration)
Dimensions	186mm * 186mm * 37mm
Environment	Operating temperature: -10°C to 55°C; Storage temperature: -40°C to 70°C; Humidity: 5%~95% (non-condensing)
Software Features	
Operating Mode	Fit AP, Fat AP, Repeater, WISP
Wireless Function	Up to 16 SSIDs
	Support SSID hiding, enable/disable wireless radio
	Manual and automatic channel assignment
	Manual and automatic bandwidth assignment
	TxPower control
Roaming	Support Layer 2 roaming
Wireless Security	Captive portal authentication Static blacklist and whitelist Wireless isolation between clients SSID to VLAN mapping Support 802.1X WPA/WPA2/PSK/WPA/WPA2-Enterprise/WPA3
Internet Connection Type	Support static IP, DHCP, PPPoE Dial Up
Management	Support local management with web Support centralized management with AC Support remote management with Wi-Tek cloud platform
Platform Management Features	Automatic RF adjustment via the platform Unified configuration via the platform Unified monitoring via the platform

Package Content

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

Items	Quantity
WI-AP219AX-Lite	1 pcs
Ethernet Cable	1 pcs
Screw	4 pcs
Screw Cap	4 pcs
Hanger	1 pcs
Quick Installation Guide	1 pcs



Wireless-Tek Technology Limited
Address: Biaofang Technology Building 402, Bao'an street,
Baoan District, Shenzhen City, Guangdong, China
Website: www.wireless-tek.com
Tel: 86-0755-32811290
Email: sales@wireless-tek.com
Technical Support: tech@wireless-tek.com



Technical Support



Cloud Management



Company Website