WiFi 5 Wireless Ceiling Mount Access Point

WI-AP217

Overview

WI-AP217 is a dual-band Ceiling mount AP, suitable for indoor Wi-Fi coverage scenarios. The device supports 802.3af PoE and 12V DC local power supply. The dual LAN port design facilitates the expansion of other network device and meets the needs of more networking scenarios. The wireless speed can be up to 1200Mbps. Its coverage of over 20 meters makes it an ideal choice for many wireless scenarios, especially office, commercial industry, hotel, service scenarios, etc.

Features

Multiple power supply methods

Supports 802.3af PoE and 12V DC local power, Flexible power supply options for different installation environments.

Multi-SSID

Support QVLAN binding multi-SSID, bind different SSIDs to different TAG VLANs, set different SSIDs for different departments of the enterprise, realize the isolation between SSIDs, and flexibly control the access rights of wireless networks.

Fast Roaming

802.11k and 802.11v fast roaming provide seamless switching to the access point with the optimal signal when moving between APs.

Cloud Management

Users can conduct the comprehensive remote operation, management, and maintenance of the entire network equipment through the Wi-Tek cloud platform, and can also share the network with a third party for network hosting and collaborative management, to operate and maintain the enterprise network more efficiently.

MU-MIMO

Supports 802.11ac Wave2 MU-MIMO technology to easily deliver dual-band Wi-Fi speeds up to 1200Mbps for multiple devices simultaneously.

Support Multiple Working Modes

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

Specifications

Products	WI-AP217
Hardware Specifications	
Wireless Standards	802.11ac Wave2 802.11n/b/g/a
Operating Bands	2.4GHz & 5GHz
Antenna	2.4Ghz: 5dBi, 5GHz: 5dBi
Spatial Streams	2.4GHz:2x2 MIMO 5GHz:2x2 MIMO
Signal Rate	Up to 300Mbps at 2.4GHz Up to 867Mbps at 5GHz
Receiver Sensitivity	2.4GHz 802.11b: -85dBm@11Mbps -94dBm@1Mbps 802.11g: -72dBm@54Mbps -90dBm@6Mbps 802.11n HT20: -70dBm@MCS7 -88dBm@MCS0 802.11n HT40: -68dBm@MCS7 -86dBm@MCS0 5GHz 802.11a: -72dBm@54Mbps -90dBm@6Mbps 802.11n HT20: -70dBm@MCS7 -88dBm@MCS0 802.11n HT40: -68dBm@MCS7 -86dBm@MCS0 802.11ac HT80: -58dBm@MCS9 -85dBm@MCS0
Maximum Transmit Power	<27dbm
Interface	(2)10/100/1000M Base-T Ethernet ports
Power Supply	DC 12V/1A (Not Included) 802.3af PoE Supported
Power Consumption	<12W
Installation	Wall/Ceiling Mounting
External Buttons	reset button (long press for 8 seconds to restore the factory default configuration)
Dimensions	185mm*185mm*36mm
Environment	Operating Temperature:-20°C ~ 45°C Storage Temperature:-40°C ~ 70°C; Operating Humidity: 5% ~ 95% (non-condensing) Storage 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
	RF Parameter setting
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
Routing	Support static IP, DHCP, PPPoE Dial-Up
Management	Support local management with web Support centralized management with AC Support remote management with the Wi-Tek Cloud platform
Platform Management Features	Automatic RF adjustment via the platform Unified configuration via the platform Unified monitoring via the platform

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Technical Support

Cloud Management

Company Website

Version,V1.0, updated 2022.4.07.