



WIS-EAP630L-OUTDOOR

11AX 3000Mbps Wi-Fi6 Dual Band Managed Outdoor Wireless AP

WIS-EAP630L-OUTDOOR IS a 11ax Wi-Fi standard high power Outdoor Wireless Access Point support MU-MIMO, Wave2.0, OFDMA and Seamless Roaming. Combined 3000Mbps Wi-Fi speed over 2 radios: 2.4GHz (600Mbps 11ac 2*2) + 5GHz (2400Mbps 2*2), equipped Giga LAN Ports, support MU-MIMO and DL/UL-OFDMA modulation, Giga Ethernet data rate and more users, then multiple users can upload or download multiple packets at same time, narrower subcarrier spacing and longer symbol time, improved the stability and data processing efficiency, publicly to be used in high density access environment such as university campus, concert venue, hotels, corporates etc.

Superior performance guarantee

WIS-EAP630L-OUTDOOR with MTK industrial chipset and adapt to intelligent channel analysis technology choose the less Wi-Fi interference channel makes wireless transmission faster and more stable.

Multiple Protection for Stable Performance

WIS-EAP630L-OUTDOOR with ABS fireproof material, white color, suitable for various decoration styles. And PCB board with watchdog design, can reboot automatically in case of failure. What's more, it support lightning protection and ESD protection, can install in various harsh environment.

TWT (Target Wake-up Time)

802.11ax support TWT, allowing devices to negotiate when need to wake up, send and receive data. In addition, wireless AP can group the device into different TWT cycles, increase sleep time, reduce the device competing a tier wake-up, and save the device power.

High-Speed Dual Band Wi-Fi 6

WIS-EAP630L-OUTDOOR equips with the latest wireless technology, Wi-Fi 6, for faster speeds, greater capacity, and reduced network congestion. Wi-Fi 6 (IEEE802.11ax) delivers a huge boost in speed and total capacity and takes your Wi-Fi to the next level while being backward compatible with IEEE802.11ax/ac/b/g/n/a Wi-Fi standards, optimized for Internet activities requiring high bandwidth, such as HD videos and online gaming



Features

- Dual-band concurrent, the maximum wireless concurrent rate can reach nearly 3000Mbps.
- Supports both 48V PoE and 12V DC power supply.
- Equipped with high-gain dual-band antenna, it provides wide coverage.
- Small and stylish, easy to install.
- Very low power consumption.



Superior performance guarantee

WIS-EAP630L-OUTDOOR with MKT chipset and adapt to intelligent channel analysis technology chose the less Wi-Fi interference channel makes wireless transmission faster and more stable.

TWT (Target Wake-up Time)

802.11ax support TWT, allowing devices to negotiate when need to wake up, send and receive data. In addition, wireless AP can group the device into different TWT cycles, increase sleep time, reduce the device competing after wake-up, and save the device power.

High-Speed Dual Band Wi-Fi 6

WIS-EAP630L-OUTDOOR equips with the latest wireless technology, Wi-Fi 6, for faster speeds, greater capacity, and reduced network congestion. Wi-Fi 6 (IEEE802.11ax) delivers a huge boost in speed and total capacity and takes your Wi-Fi to the next level while being backwards compatible with IEEE802.11ax/ac/b/g/n/a Wi-Fi standards, optimized for Internet activities requiring high bandwidth, such as HD videos and online gaming.

1024-QAM Modulation Mode

DL/ UL MU-MIMO 802.11ax support both downlink MU-MIMO and uplink MU-MIMO. It can communicate with multiple end users at the same time, greatly improving the user's uplink transmission rate and the system's uplink and downlink capacity, improving the efficiency of multi-user concurrent scenarios, and reducing the terminal application latency.

DL/ UL MU-MIMO

11ax supports both downlink MU-MIMO and uplink MU-MIMO. It can communicate with multiple end users at the same time, greatly improving the user's uplink transmission rate and the system's uplink and downlink capacity, improving the efficiency of multi-user concurrent scenarios, reducing the terminal application latency.

Coverage Improvement

802.11ax support long OFDM symbol transmission mechanism and 2MHz narrowband transmission, effectively reduced the packet loss rate and noise interference, improve the receive sensitivity and increase the WiFi coverage.

Watchdog design, No internet lose

The watchdog chip + circuit design make the equipment with self-inspection in network disconnection, link detection and network backup. When it found that device is disconnected, the watchdog circuit will restart the system automatically to ensure the reliability and safety.

Long wireless coverage

Transfer all kinds of data smoothly, do not have any latency. WIS-EAP630L-Outdoor is a high power Ceiling wireless with Up to 150+ meters wireless range, can meet the demands for outdoor wifi project large area coverage, specialize in high power design, can ensure strong wireless signal and stable performance.

Three ways of WIS Controller Solution

All configuration and management is centrally and effectively operated by WIS cloud Controller. Deploy wiscloud AP and scale up easily with any one of the controller.

[Cloud Controller](#) | [App Based Controller](#) | [Hardware Controller](#)

Multiple Application Scene

WIS-EAP630L-OUTDOOR Gigabit ceiling wireless AP can be used for indoor environment where need wireless coverage like Park, School, Mall, Scenic point, university campus, concert venue, hotels, corporates etc.



SPECIFICATION

Model	WIS-EAP630L-OUTDOOR
2.4GHz Frequency Band	2.4GHz ~ 2.484GHz (802.11 b/g/n/ax)
5GHz Frequency Band	5.150GHz~5.850GHz (802.11 a/n/ac/ax)
Antenna	Two external 2.4GHz/5GHz dual-band waterproof antennas, each with a gain of 5dBi
Wireless Speed	2.4GHz provides a maximum access rate of 600Mbps, and 5GHz provides a maximum access rate of 2400Mbps
Device Capacity	100+
2.4GHz Tx Power	<23±2dBm
5GHz Tx Power	<22.5±2dBm
Interface	1 × 10/100/1000Mbps WAN port, supports 48V PoE power supply 1 × 10/100/1000Mbps LAN port
Buttons	Reset button (press and hold for 6-10 seconds to restore to factory default settings)

Working Mode	Gateway, AP
Centralized Management	Software cloud Controller
	Hardware Controller
	APP
Dash board	Working mode: Fat AP mode and Thin AP mode Wireless AP download rate, wireless AP upload rate, running time Device information, device description, intranet information, WIFI information
Support Mode	Gateway mode: The device is connected to the WAN through the WAN port and then accesses the Internet using static IP, DHCP or PPPoE AP mode: The device covers other clients and devices with wireless network signals and uses Ethernet to connect to other routers to access the WAN.
Wireless Capabilities	SSID Broadcast Number of SSIDs: 8 (2.4GHz) + 8 (5GHz), support 8 SSID Hide SSID function Wireless encryption: OPEN, WPA/WPA2PSK-TKIPAES, WPA3PSK-AES Wireless MAC address filtering: support whitelist WiFi timer off function User isolation: isolation between wireless networks and isolation within APs Transmit power setting Wireless client number limit QoS: WMM





Network Features	Connection method: static address, obtained from the management server, obtained from the gateway DHCP server: It can be a built-in DHCP server or an external DHCP server Cloud Platform Server Firewall function PPPoE function: Support PPPoE dial-up function
Device Management	Backing up configuration information Restore configuration information Restore factory settings Restart includes scheduled restart and immediate restart Firmware Upgrade Time management includes system display time and time synchronization System log Fat and thin AP switching function
Warranty	3 Years

General

Status Indicator	PWR light, WAN port light, LAN port light, 2.4GHz light, 5GHz light
Power Supply	DC2.0 12V/1.5A, PoE802.3af
Power Consumption	< 10W
Dimensions	196mm×86mm×40mm
Net Weight	0.4kg
Work Environment	Normal operating temperature: -30°C to 55°C Storage temperature: -40°C to 70°C Humidity: 5% to 95% (no condensation)
Protection Level	IP67



Packaging Information: 1* WIS-EAP630L-Outdoor
1* Mounting Kit
Quick Installation Guide
Gift Box

ORDERING INFORMATION

WIS-EAP630L-OUTDOOR

3000Mbps Wi-Fi6 Dual Band Managed Outdoor Wireless AP



*Product specifications and availability are subject to change without notice

