

1200Mbps Dual Band Wall Mount Wireless AP



Dual Band

Seamless
Roaming

MU-MIMO

Up to 80
on line userRemote
management

WAVE 2.0

Central
Management

OVERVIEW

WIS new series EAP500-WALL is an 11ac dual band wall mount style wireless access point upgrade to the latest wireless-AC technology, fast data rate (900Mbps in 5G and 300Mbps in 2.4GHz) and dual band allowing content to download faster, large video or music files to sync more quickly and stream seamlessly. Embed PoE, work in hotel, school, hospital mainly for a stable wireless networking. Then work with 'WIS Access Controller System and cloud management system, easy in central configuration, meet with different advertisement and multiple authentication requirement, professional and cost effectively in large area Wi-Fi solution.

FEATURES

- Comply with IEEE 802.11ac/b/g/n dual band, 1200Mbps Data Rate.
- 11ac 2x2 MU-MIMO technology, 2* 10/100Mbps Ethernet Ports.
- Support active IEEE 802.3af 48V PoE standard.
- Support SSID broadcasting, Multi SSID up to 8 (4 SSID in 2.4GHz, 4 SSID in 5GHz).
- Support Gateway (PPPOE, static IP, dynamic IP).
- Wireless AP, Repeater, WISP operation mode in FAT AP.
- With function of built-in firewall, IP filter, URL filter and MAC filter.
- Comply with IEEE 802.3az standard, RF power adjustment and frequency analyzer for better application in different environment.

FIT/FAT Operation Mode

WIS-EAP500-WALL supports FIT/FAT operation mode

FIT AP work with AC controller, plug and play central management by AC controller mostly for enterprise application.

FIT AP, support AP repeater gateway, WISP operation mode, can be configured by GUI suitable for home use.

Multiple Protection for Stable Performance

WIS-EAP500-WALL 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 supports lightning protection and ESD protection, can install in various harsh environment.

Power over Ethernet

WIS-EAP500-WALL has integrated IEEE802.3af Power over Ethernet (PoE), for easy installation and lower cost. So it can be installed in areas where power outlets are not available, eliminating the mess of altering existing network infrastructure.

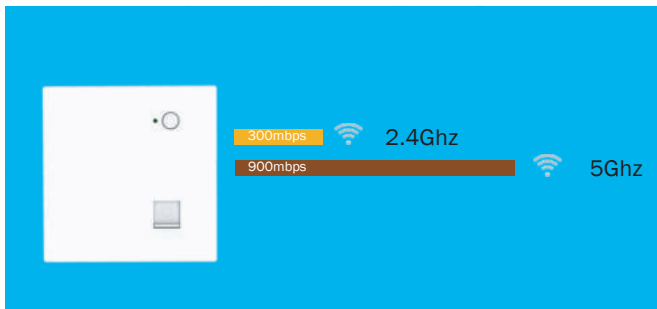
Zero Configure & Cloud Management System

Support FIT/FAT AP together, work with WIS WLAN Controller, zero configure in IP address, ESSID, Channel, Password, upgrade firmware, backup and restore.... Besides that, it support advertisement and authentication functions like WeChat/Google/sms Facebook/Member Authentication.

Then the WLAN controller can access into Cloud Management System, easy to make administrator access it, to do remote monitoring/management at any time and any place, make this AP and WLAN controller more professional and save cost in Wi-Fi Projects.

Seamless Roaming, No Wi-Fi Lose During Moving

Support 802.11kvr seamless roaming ,automatically switch to the stronger wireless signal in satble performance,realize the seamless connection and continuous network.



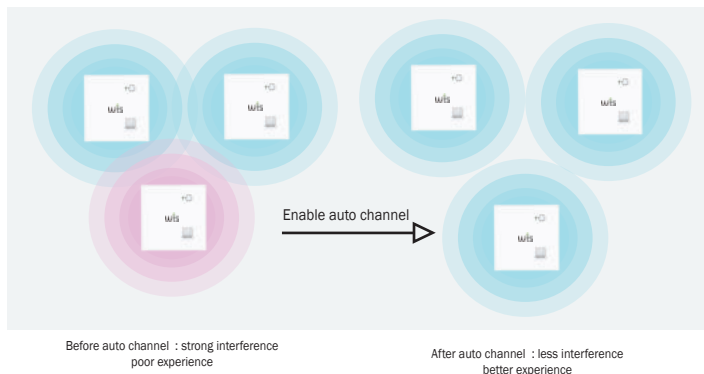
2.4G/5G Dual Frequency Wireless data rate up to 1200Mbps

2.4G with longer wireless range, compatible more wireless user; 5.8G more pure, less Wi-Fi interference; Dual concurrent frequency with 1200Mbps data rate,full meet the needs of wireless coverage in crowded places.

Exquisite and small shell

With standard 86mm size design directly replace the original network without patching or damaging the original decoration.





Support Auto Channel Optimize Network Quality Better WI-FI Experience

Support Auto Channel and RF adjustable, avoid Wi-fi interference ensure the high speed transmission.

Three ways of WIS Controller Solution

All configuration and management is centrally and effectively operated by the WIS cloud controller.

Deploy Wiscloud AP and scale up easily with any one of the controller.

Cloud Controller | App Based Controller | Hardware Controller



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.

Support IPTV , Simplify the messy wiring at home

Support the IPTV pass through, no messy wiring more safety and tidy.



With Wi-Fi switch Energy saving

With WiFi switch, can disable WiFi automatically at night to in green energy saving.

SPECIFICATION

WIS-EAP500-WALL	
Flash	8M Flash
DDR	64M DDR
Interface	1*10/100Mbps LAN port(Can be used as WAN) 1*10/100Mbps LAN ports 1*WiFi Switch On/Off button 1*Reset button
Power Supply	48V PoE, IEEE 802.3af standard
Maxi power consumption	<6W
Dimensions (W X D X H)	87*86*35.8mm
Antenna Type	On board WiFi antenna 2.4G: 3dBi omni antenna 5.8G: 5dBi omni antenna

Wireless Features	
Wireless Standards	IEEE 802.11ac/n/a 5GHz; IEEE 802.11n/g/b 2.4GHz
Frequency	5GHz : 5.150GHz~5.850GHz 2.4GHz: 2.4GHz – 2.484GHz
Signal Rate	5GHz: Up to 900Mbps; 2.4GHz: Up to 300Mbps

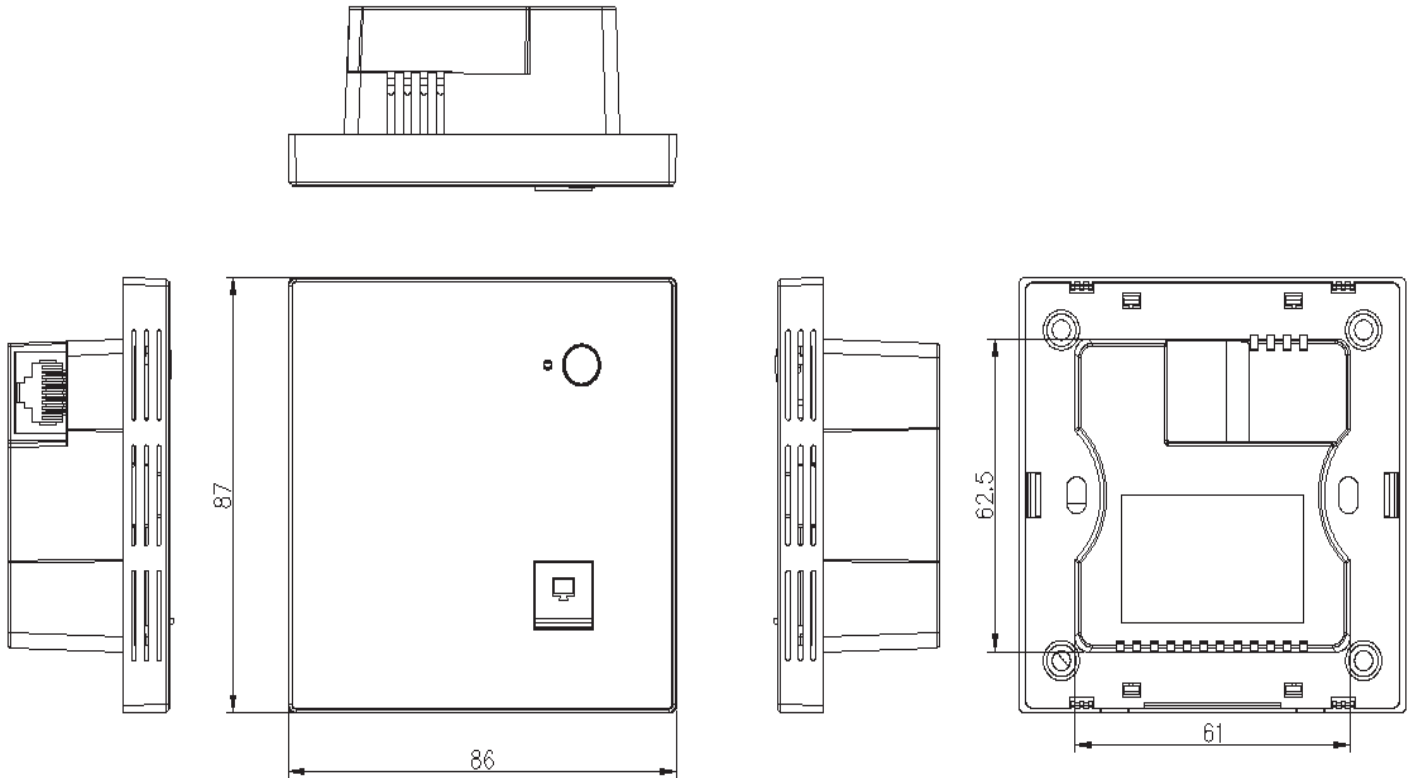
RF Power (2.4GHz)	802.11b	11M	17±2dBm	1M	19±2dBm
	802.11g	54M	16±2dBm	6M	18±2dBm
	802.11nHT20	MCS7	15±2dBm	MCS0	17±2dBm
	802.11nHT40	MCS7	14±2dBm	MCS0	16±2dBm
RF Power (5GHz)	802.11a	54M	16±2dBm	6M	18±2dBm
	802.11n HT20	MCS7	15±2dBm	MCS0	17±2dBm
	802.11n HT40	MCS7	14±2dBm	MCS0	16±2dBm
	802.11ac HT80	MCS9	13±2dBm	MCS0	15±2dBm
Receive Sensitivity (2.4GHz)	802.11b	11M	-82dBm	1M	-94dBm
	802.11g	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
Receive Sensitivity (5GHz)	802.11a	54M	-72dBm	6M	-90dBm
	802.11n HT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
	802.11ac HT80	MCS9	-58dBm	MCS0	-82dBm

Wireless	Auto-Channel selection Distance Control (802.1x Ack timeout) Multiple SSID (4 SSID for 2.4G, 4 SSID for 5.8G) BSSID
EVM	2.4G: 802.11b: ≤-10 dB; 802.11g: ≤-25dB; 802.11n: ≤-28 dB 5G: 802.11a: ≤-25 dB; 802.11n: ≤-28 dB; 802.11ac: ≤-32 dB
PPM	±20ppm
Max Access Users	80
Operation Mode	Wireless AP, Gateway, Wi-Fi Repeater
Wireless Security	OPEN、WPA、WPA2、WPA-PSK、WPA2-PSK
ESD- I	Air discharge:±4KV
Surge	Common-mode: ±2KV
LED Status	SYS

Management	
System	Settings Web-based configuration / Software AC controller and Hardware AC controller management
Firmware Upgrade	Upgrade firmware via web browser or AC controller
Administration	Admin Password can be configured
System monitoring	Watch dog, Status in hand , useful statistic and Event log
Logs	Supports local logs, logs host, logs file export
Reset	Reset or factory defaults
Backup	Restore settings & configuration of the device to local file, Scheduled reboot

Others	
Environment	Operating Temperature:-20~55° C Extreme Temperature:-40~70° C Storage Temperature:-40~70° C
System Requirements	Humidity: 5%~95% non-condensing Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8, Windows 10, MAC OS, NetWare, UNIX or Linux
Package Contents	1200Mbps Dual Band wireless access point Mounting Material Quick Installistation Guide

DIMENSIONS



ORDERING INFORMATION

WIS-EAP500-Wall

11AC 1200Mbps Daul Band Wall mount Wireless Access Point



*Product specifications and availability are subject to change without notice

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