

11AC 1200Mbps Dual Band Giga Wall Mount Wireless AP



802.11AC Protocol



Dual Band



MU-MIMO



120+ User



Wave 2.0



RF Power Adjustable



Remote Management



Central Management



Seamless Roaming



OVERVIEW

EAP-510 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's 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* 10/100/1000Mbps 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

Wireless AC Technology, more users

EAP-510 WALL AC dual band wall mount Wireless Access Point with Gigabit WAN port, offers AC technology 1200Mbps data rate for seamless/smooth video and music streaming. More users including computers, Internet-ready TVs, game consoles, and other Wi-Fi devices can access into this wireless networking

Dual Band, 5G Priority, Less Interference

Double your network bandwidth with Dual-Band AC (2.4G and 5G) and 5G priority, designed to help avoid interference and maximize throughput. You can browse web pages, handle mails and chat over 2.4G while enjoying large-free HD multimedia and online gaming over 5G without worrying about interference.

Power over Ethernet

EAP-510 WALL AC AP has integrated IEEE 802.3af standard Power over Ethernet (PoE), for easy installation and lower cost. So it can be installed in areas where power outlets are not readily available, eliminating the mess of altering existing network infrastructure.

Build in Wi-Fi Channel Analysis Tool for best channel

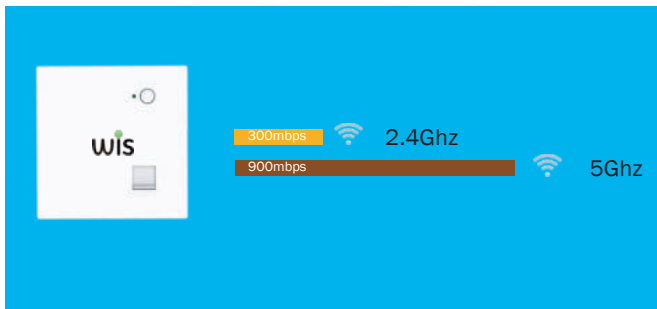
Build in Smart Channel Analysis Tool, help to select the less Wi-Fi Interference channels, ensure the stability wireless signal.

Multiple application scene and Central management

Work with WLAN controller and PoE switch, plug and play, then allow administrator to manage it in centrally and remotely, suit for hotel, school, hospital, provide stable wireless access, promote advertisement and collect user information for second time sales.

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.



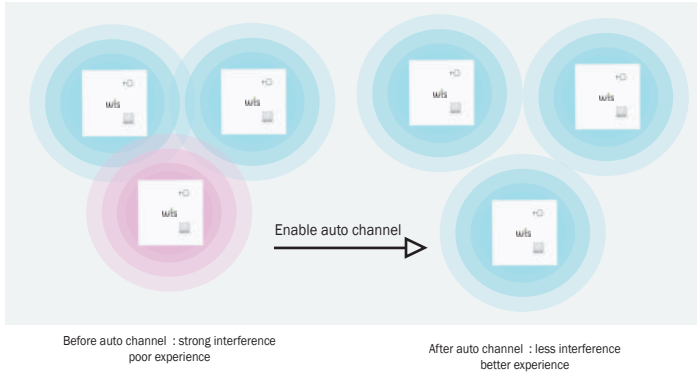
2.4G/5G Dual Frequency Wireless data rate up to 1200Mbps

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



Self Inspection



Link Detection

Watchdog design, No Internet lose

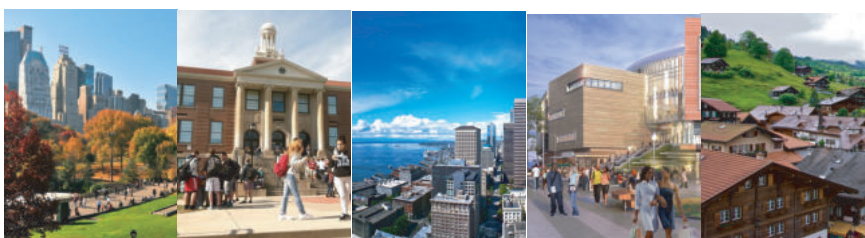
The watchdog chip + circuit design make the equipment with self inspection in network disconnection, link detection and network backup. When it found that device is disconnected, the watchdog circuit will restart the system automatically to ensure the reliability and safety.

Support IPTV , Simplify the messy wiring at home

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



Park School scenic point Mall Village



Multiple Application Scene

WIS-EAP510 wall Gigabit ceiling mount wireless Ap can be used for indore enviroment where need wireless coverage like Park, School, village, Mall Scenic point tec.

SPECIFICATION

WIS-EAP510-WALL	
Chipset	QCA9563 + QCA9886 +QCA8337
Flash	16M Flash
DDR	128M DDR
Interface	1*10/100/1000Mbps WAN port 1*10/100/1000Mbps LAN ports
Power Supply	48V PoE, IEEE 802.3af standard
Maxi power consumption	< 8W
Dimensions (W X D X H)	86*86*35mm
Antenna Type	Build in dual band 3dBi 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

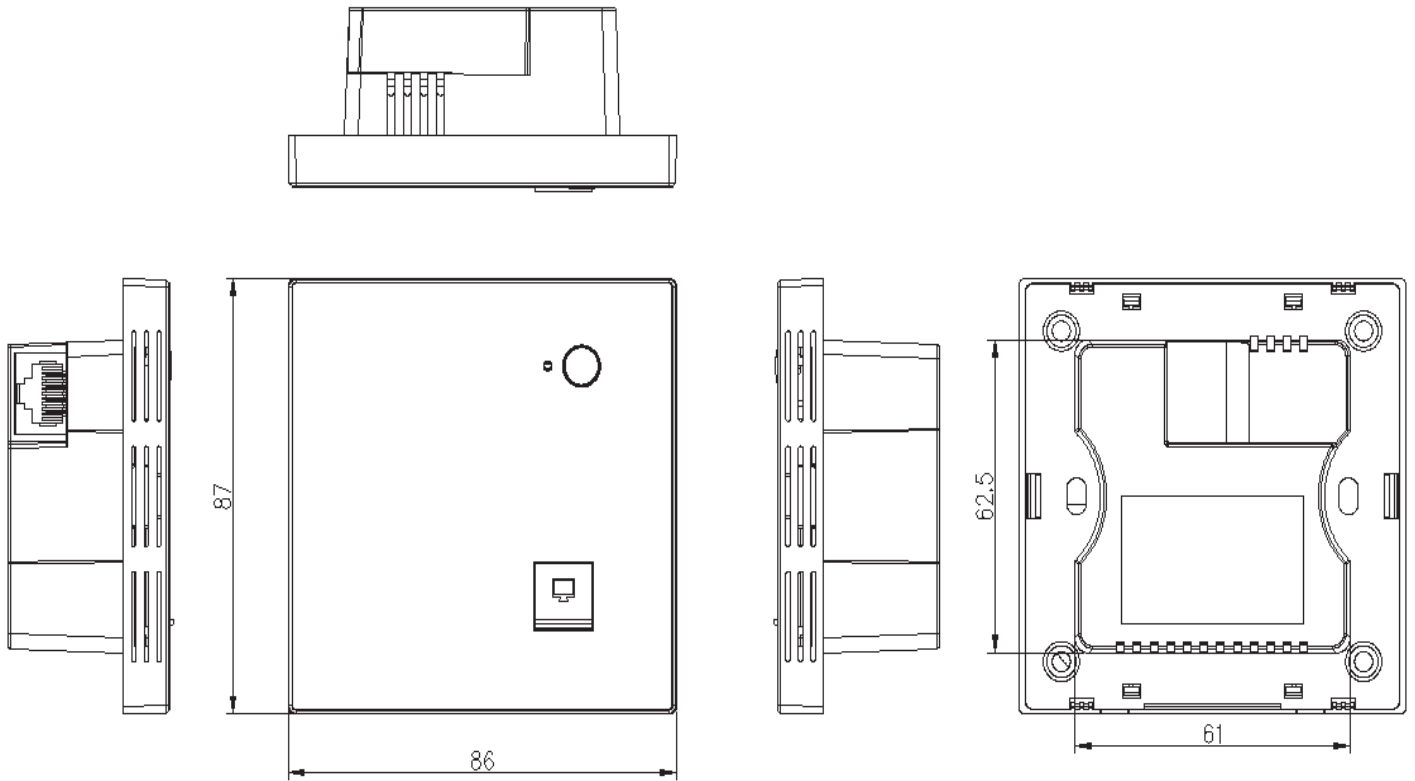
RF Power (2.4GHz)	802.11b	11M	17±2dBm	1M	19±2dBm
	802.11g54M	16	±2dBm	6M	18±2dBm
	802.11n HT20	MCS7	15±2dBm	MCS0	17±2dBm
	802.11n HT40	MCS7	14±2dBm	MCS0	16±2dBm
RF Power (5GHz)	802.11a54M	16±2dBm	6M		18±2dBm
	802.11n HT20	MCS7	15±2dBm	MCS0	17±2dBm
Receive Sensitivity (2.4GHz)	802.11n HT40	MCS7	14±2dBm	MCS0	16±2dBm
	802.11ac HT80	MCS9	13±2dBm	MCS0	15±2dBm
	802.11b	11M	-85dBm	1M	-94dBm
Receive Sensitivity (5GHz)	802.11g	54M	-72dBm	6M	-90dBm
	802.11nHT20	MCS7	-70dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
Receive Sensitivity (5GHz)	802.11a	54M	-74dBm	6M	-90dBm
	802.11n HT20	MCS7	-72dBm	MCS0	-88dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-86dBm
	802.11ac HT80	MCS9	-58dBm	MCS0	-80dBm

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	120
Operation Mode	Wireless AP, Gateway, Wi-Fi Repeater
Wireless Security	64/128-bit WPA / WPA2, WPA-PSK/ WPA2-PSK encryption
LED Status	Wi-Fi, LAN, SYS

Management	
System Setting	Web-based configuration (HTTP/Telnet)
Firmware Upgrade	Upgrade firmware via web browser or TFTP
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 Humidity: 5%~95% non-condensing
System Requirements	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 Wall access point Mounting Material Quick Installation Guide

DIMENSIONS



ORDERING INFORMATION

WIS-EAP510-Wall

11AC 1200Mbps Dual Band Wall mount Wireless Access Point



*Product specifications and availability are subject to change without notice

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