

Wireless

2.4G & 5G | 802.11a/b/g/n/ac Compatible | 802.11ac 1T1R |
802.11n 2T2R

WAP-5920

300M for 2.4G or 433M for 5G Wireless Repeater w/ Power Inside

Extend wireless range

This repeater is designed with dual-band speeds up to 433Mbps at 5GHz and 300Mbps at 2.4GHz frequency fully complying with IEEE802.11a/b/g/n standards, and also supports the IEEE802.11ac (draft) in 5GHz band. IEEE802.11ac is backward compatible with 11n, so there is no interoperability issue. It can connect to any b/g/n wireless router, then extend wireless coverage and enhance wireless signal at the poor signal or low data rate area of your existing wireless network, allowing more users to enjoy high bandwidth wireless connection without cable burden and any interruption.

Make Wireless to AC High Speed

Utilizing the next generation of Wi-Fi technology 11ac in 5GHz band, it can support a data rate of up to 433Mbps which is 3 times faster than current 11n devices. Users will enjoy truly high performance on the wireless interface.

Compact Size and Wall mount type

This repeater is not only designed to be compact in size but also with a built-in the power module, it allows the user to just plug this device in to the electrical outlet directly without the need for an additional power adapter.

Easy push button setup by WPS

This repeater has a WPS hardware button for the user to easily build a connection to a router or network device by simply pressing the WPS button of both devices.

LED signal indicator

You can place this repeater in the best location by checking its LED signal indicator to secure better wireless performance.

Web Configuration

You can configure this device through the friendly Web user interface with a browser.

FEATURES

- Supports different operation modes: Universal Repeater, AP and AP client (Converter mode)
- Supports DHCP server to assign IP address automatically
- Provides 1 Ethernet port to support LAN configuration of AP/AP client
- Supports 64/128-bit WEP, WPA, WPA2 and IEEE 802.1x wireless securities
- Supports Wi-Fi Protected Setup (WPS 2.0) hardware button
- Supports Web-based configuration

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SPECIFICATIONS

Main Chipset

- Mediatek MT7620A + MT7610E

Flash + SDRAM

- 8MB Flash + 64MB DDRAM II

Ethernet Port

- 10/100M UTP Port x 1 (Auto MDI/MDI-X) for LAN

Frequency Band

- 2.4000~2.4835GHz (Industrial Scientific Medical Band)

Data Rate

- 11a: 6/9/12/24/36/48/54Mbps;
- 11b: 1/2/5.5/11Mbps; 11g: 6/9/12/24/36/48/54Mbps
- 11n (20MHz): MCS0-07, up to 144Mbps
- 11n (40MHz): MCS0-07, up to 300Mbps
- 11ac (80MHz): VHTMCS0-9, up to 433Mbps

Output Power (TBD)

- 2.4GHz: 11b(11M): 17±1.5 dBm , 11g(54M): 15±1.5 dBm
11n(20MHz, MCS7): 14±1.5 dBm,
11n(40MHz, MCS7): 14±1.5 dBm
- 5GHz: 11a(54M): 14±1.5 dBm, 11n(20MHz, MCS7): 13±1.5 dBm,
11n(40MHz, MCS7): 13±1.5 dBm
11ac(80MHz, VHTMCS9): 12±1.5 dBm

Receive Sensitivity (TBD)

- 2.4GHz: 11b(11M): -86±2dBm, 11g(54M): -72±2dBm
11n(20MHz, MCS7): -71±2dBm,
11n(40MHz, MCS7): -69±2dBm
- 5GHz: 11a(54M): -75±2dBm, 11n(20MHz, MCS7): -72±2dBm,
11n(40MHz, MCS7): -69±2dBm,
11ac(80MHz, VHTMCS9): -63±2dBm

Antenna

- Internal Antenna x 2 (2.4G x2 2T2R, 5G x1 1T1R)

Power Module

- 5V, 1.2A Power Module Inside

Dimensions

- Plastic housing, Size TBD

Temperature

- Operating: 32~104°F (0~40°C)
- Storage: -4~140°F (-20~60°C)

Humidity

- Operating: 10~90% (NonCondensing)
- Storage: Max. 95% (NonCondensing)

Certification

- TBD



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