

Wi-Fi Router / Repeater

List of Functional Specification



AR120AC

SoHo / Home-Use Wi-Fi Router / Repeater

Hardware Features

Interface

- 10/100/1000Mbps LAN Ports x 4
- 10/100/1000Mbps WAN Port x 1

Button

- WPS/Reset Button
- Wi-Fi On/Off cap-sense Button

External Power Supply

- 100-240VAC, 9VDC 1000mA Euro Type (Default power adaptor, please specified at order placement)

Antenna

- detachable Antenna x 4
- un-detachable Antenna x 4

USB Connectivity

- USB 3.0 port x 1

Wireless Standards

- IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b

Frequency

- 2.4GHz
- 5GHz

Signal Rate

- 5GHz: Up to 867Mbps

- 2.4GHz: Up to 300Mbps

Reception Sensitivity

5GHz:

- 11a 54Mbps: -74dBm
- 11ac HT20: -67dBm
- 11ac HT40: -63dBm
- 11ac HT80: -59dBm
- 11n HT20: -71dBm
- 11n HT40: -69dBm

2.4GHz:

- 11g 54M: -76dBm
- 11n HT20: -73dBm
- 11n HT40: -71dBm

Transmit Power:

- CE: <20dBm(2.4GHz)
- CE: <23dBm(5GHz)

Wireless Functions

- Repeater and Access Points (A.P.)

Wireless Security

- 64/128 bit WEP / WPA-PSK / WPA2-PSK

Network Features

WAN Type

- Dynamic IP / Static IP

Management

- Access Control
- Local Management
- Remote Management

DHCP

- DHCPv4

Protocols

- Support IPv4

Others

System Requirements

- Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows8/8.1/10, MAC® OS, NetWare®, UNIX® or Linux

Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Storage Temperature: -40°C~70°C (-40°F~158°F)
- Operating Humidity: 10%~90% non-condensing

- Storage Humidity: 5%~90% non-condensing