

## *Wi-Fi Router / Repeater*

# List of Functional Specification



## **AR120AC-Q**

### 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 2

##### 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 1800Mbps
- 2.4GHz: Up to 600Mbps

#### Reception Sensitivity

##### 5GHz:

- 11a 6Mbps: -91dBm
- 11a 54Mbps: -73dBm
- 11ac HT20: -66dBm
- 11ac HT40: -67dBm
- 11ac HT80: -58dBm

##### 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