# kosky

Exceed Your Expectation

# KS-AC1200
## 1200M Wi-Fi 5 Gigabit Wireless Router

#Version 1.0 by Kosky

# KS-AC1200

## Introduction

**KS-AC1200 is the reliable high-performance Wi-Fi 5 router complying with 802.11ac standard for home Wi-Fi coverage and connection. By 4 external high-gain omni antennas KS-AC1200 can perfectly work on both 2.4GHz 300Mbps and 5.8GHz 866Mbps of total 1200Mbps dual-band concurrent speed rate. With 5\*RJ45 gigabit ports of 1\*WAN and 4\*LAN you can freely connect your wired terminal devices to internet. In one word KS-AC1200 can be your ideal choice for speedy and stable wireless experience.**

## Highlights

√ Support IEEE802.11ac standard with dual-band 1200Mbps wireless speed

√ Gigabit port assures the router outlet bandwidth

√ Support MIMO technology of multiple users on-line internet

√ 4\*external high-gain antennas for better wireless coverage

√ Desktop design for easy deployment

√ Simple appearance design for friendly home placement

√ Easy WEB setup and start to use

# Key Features

**✦Dual-band 1200Mbps Wi-Fi speed for good wireless experience**

IEEE802.11ac provides more bandwidth and support dual-band concurrent of 2.4GHz 300Mbps and 5.8GHz 866Mbps to increase 4 times of the Wi-Fi speed compared with 802.11N technology.

**✦MU-MIMO technology application**

Support multiple users smooth on-line internet

By adoption of MIMO technology multiple users can transmit the data with router at the same time so as to increase the wireless resource utilization and surfing experience.

**✦Support routing, AP and repeater three modes**

Convenient application based on the demand

The default mode is routing mode for internet connection and AP mode can transform the wired signal to the wireless signal and repeater mode can magnify the wireless signal for faster internet access.

**✦Wireless MAC address filter function**

Forbid the blacklist terminal access for safe wireless environment

Through the wireless MAC address filter the unauthorized blacklist terminals can be forbidden to get access so as to assure the safety and clean network environment.

**✦Wireless dual-band combination technology**

Displaying one SSID and easy to access

Based on integration of the 2.4GHz and 5GHz names to be one SSID the client will get wireless connection easier and more effective by intelligent frequency adjustment.

# Specification

| Product Parameters | |
|---|---|
| **Hardware** | |
| **Protocol** | IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.11a, IEEE 802.11ac, IEEE 802.3, IEEE 802.3u, IEEE802.3z, IEEE 802.3x |
| **Interface** | 1*10/100/1000M WAN port<br>4*10/100/1000M LAN port |
| **Button** | WPS by long press 1second/reset by long press 8second |
| **Indicator** | Power/2.4G WLAN/5G WLAN/WAN/WPS |
| **Antenna** | 4*external omni 5dBi high-gain antennas |
| **Power** | DC12V 1A |
| **Radio Frequency** | |
| **Communication Channel** | 1~13 (2.4G)<br>36~48 (5GHz)<br>149~161(5GHz)<br>Bandwidth：20MHz、40MHz、80MHz |
| **Frequency Range** | 2.4GHz: 2.412~2.4835GHz<br>5GHz: 5.150~5.250GHz, 5.725~5.825GHz |
| **Transmission speed** | IEEE 802.11b: 1, 2, 5.5,11 Mbps<br>IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps<br>IEEE 802.11n: 150,300Mbps<br>IEEE 802.11AC: 866Mbps |
| **Power** | 2.4GHz<br>17dbm@MCS7 HT40<br>17dbm@MCS7 HT20<br>17dbm@OFDM 54M<br>20dbm@CCK 11M<br>5.8GHz<br>16dbm@MCS9 HT80<br>17dbm@MCS7 HT40<br>17dbm@MCS7 HT20<br>17dbm@OFDM 54M<br>20dbm@CCK 11M |
| **Operation Mode** | Routing, AP and repeater |
| **Security** | MAC address filter<br>WPA-PSK/WPA2-PSK WPA/WPA2Mix WPS(PBC) |
| **Wi-Fi Configuration** | Dual-band integration, switch, SSID,PWD, channel, bandwidth and signal strength |

| Software | |
|---|---|
| **Configuration Guide** | Supported WAN types: PPPoE, dynamic IP and static IP<br>MAC address clone, IPV6, Radvd and IPTV |
| **DHCP** | DHCP server configuration |
| **Virtual Server** | Firewall setup, port mapping, UPnP, DMZ and DDNS |
| **Terminal Management** | White/black list, parental control and Wi-Fi speed control |
| **Smart Power-saving** | LED control setup<br>Wi-Fi timing on/off setup |
| **System Management** | WEB password management<br>Remote WEB management<br>Time setup<br>Restart<br>Reset<br>Configuration backup/recovery<br>Export syslog<br>Firmware local upgrade<br>System maintenance |
| **Environment** | Temperature： 0℃～40℃（working），-40℃～+70℃（storage）<br>Humidity： 10%～90%（working），5%～90%（storage） |

# Packaging List

| Material | QTY |
|---|---|
| KS-AC1200 | 1 |
| Power Adapter | 1 |
| QIG | 1 |
| Cable | 1 |

# Relevant Useful Products

| Model | Description |
|---|---|
| KS-WA1300 | 1300M Dual-band Wireless USB Adapter |
| KS-ES008GC | 8-Port Gigabit Ethernet Switch |
| KS-LP200 | 2MP Low-power Smart Wi-Fi Camera |

Note: For more information about the recommended products you can check our website or freely contact our product R&D team by E-mail: support@koskyglobal.com.

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