

HSGQ-R3005

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Variants

Wifi6

Details

Product Overview - HSGQ-R3005

As a router for the sixth-generation wireless technology Wi-Fi 6, HSGQ-R3005 has fast speed and long latency. Low latency, large capacity, safer, more power-saving features, maximum bandwidth supports 160MHZ, wireless 2.4G speed: 574 Mbps, 5G rate 2402Mbps, dual-band wireless concurrent rate 3000 Mbps. Compared with the previous generation Wi-Fi 5 standard, the connection speed and total network capacity have greatly increased. In today's high-density, high-crowded network environment, in games, education, live broadcast The latency is lower and the experience is smoother. It is more suitable for the access of a large number of smart home devices.

The hardware configuration uses Hisilicon dual-core high-performance chip, which ensures stable Internet access and easy multi-tasking. with the corresponding smart APP device.

Chip Solution HSGQ-R3005 uses HiSilicon Hi 5671YV200 main control chip +Hi5622V100 dual-band WIFI chip, Hi5671YV200 is an intelligent routing SOC chip with a built-in high-performance dual-core ARM Cortex -A9 processor for Wi - Fi message forwarding or intelligent business processing ; built-in high-performance LSW and hardware NAT, supporting maximum 5 Gbit /s message forwarding. Hi5671YV200 supports 5GE ports, 1RGMI expansion port. Provides users with 1000Mbit/s network access capability, supports dual WAN ports. Chip supports hardware intelligent QoS, based on user needs, provides low latency for different services such as games, videos, downloads, and Internet access, large bandwidth and other different service quality guarantees.

Key Feature

- * Support 802.11 a/b/g/n/ac/ax
- * Wi-Fi network speed up at 3000 Mbps
- * Provide 64/128-bit WEP, WPA, WPA 2, WPA 3 and WPA 2 mixed security • Support wireless bridging, PPPoE, DHCP and other network modes.

- * Support Easy Mesh one-click networking.
- * External 4x5dbi antennas provide maximum all-round wireless coverage and reliability.
- * Access the user interface through the URL. IP, MAC and URL filtering functions make access and time control more precise flexible.
- * External 4 x5dbi antennas provide maximum all-round wireless coverage and reliability

Specifications

Chip Solution - Hi5671YV200+Hi5622V100

Antenna - 4*External 5dBi omnidirectional antenna

Memory Flash - Memory: 256MB

-Flash memory: 128MB AX3000

Rate - AX3000

Wi-Fi - 2.4/5.8GHz dual-band 2*2

Wireless - Support IEEE802.11

Standards - a/b/g/n/ac/ax standards

Safety Features - WPA-PSK/WPA2-PSK

-WPAWPA2WPA3

Easy Mesh - Support

Physical Interface - WAN: 1*10/100/1000MbpsRJ45 adaptive port

-LAN: 3*10/100/1000MbpsRJ45 adaptive ports

- 1*DC power interface

Button - 1*MESH button

-1* RESET button

Power Supply – 12V/1A

Maximum Power Consumption - 12W

Size – 233*151*35mm

Usage Scenarios - Residential, supermarket, hotel, enterprise school, conference exhibition, KTV and other scenes

Environment - Operating Temperature: -10°C~5°C

- Storage Temperature: 40°C~70°C°

- Operating Humidity: 10%~90% non-condensing

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

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