

HSGQ-R1200



Hardware Specifications

Master	Chip Solution	SF19A2890 MIPS, dual-core 1GHz , 3200dmips	
	FLASH / Memory	16MB /128 DDR3	
	Antenna(External)	2.4G:2T2R 5dBm 5.8G:2T2R 5dBm	
	Port	4×10/100 / 1000Mbps RJ45 (WAN×1+LAN×3)	
	Button	WPS/RESET	
	Power Supply	DC 12V/1A	
	Indicator light	WiFi, WPS	
Wireless	Frequency Range	2.4~2.4835GHz, 5.150GHz ~ 5.850GHz	
	Wireless Rate	11b: 1/2 / 5.5 / 11Mbps	
		11g: 6/9/12/18/24/36/48 / 54Mbps	
		11n: up to 300Mbps	
		11ac: up to 866Mbps	
	Working Channel	2.4G: 1~13	
		5.8G: 36,40,44,48,52,56,60,64,149,153,157,161,165	
	Spread Spectrum Technology	DSSS (Direct Sequence Spread Spectrum)	
	Data Modulation Method	802.11a: OFDM (BPSK,QPSK,16-QAM,64-QAM)	
		802.11b: DSSS (DQPSK, DBPSK, CCK)	
		802.11g: OFDM (BPSK, QPSK,16-QAM, 64-QAM)	
802.11n: OFDM (BPSK, QPSK,16-QAM, 64-QAM)			
802.11ac:	OFDM (BPSK, QPSK,16-QAM, 64-QAM, 256-QAM)		
Medium Access Protocol	CSMA/CA with ACK		
Data Encryption	WPA-PSK/WPA2-PSK, WPA/WPA2		
Power (standard power)	2.4G	11b: 16dBm ± 2dBm@11Mbps	
		11g: 16dBm ± 2dBm@54Mbps	
		11n: 15dBm ± 2dBm@MCS7	
	5.8G	11ac (VHT20): 19dBm ± 2dBm@MCS9	
		11ac (VHT40): 18dBm ± 2dBm@MCS9	
		11ac (VHT80): 18dBm ± 2dBm@MCS9	
Button	Reset Button	1 reset button, long press for 5 seconds to restore factory settings	
	WPS	Short press to turn on, short press to turn off	
	WiFi	Wireless indicator light (always on, data transmission flashes)	
	WPS	The network is turn on, and the blue light is always on; when user is connecting, the wan indicator flashes blue, then turn off	

Software Specifications

Status	Router status	
	WiFi user connection status	
Language	Chinese and English bilingual	
The Internet	Network Settings	Dynamic IP mode, broadband dial-up mode, static IP mode, default dynamic IP
	Mobile Connection	Data roaming, search operator, traffic settings
	Local Area Network	DHCP setting, default LAN address is 192.168.1.1/24
Wireless	WiFi Settings	WiFi switch, name, password, protocol, bandwidth, channel, hidden
	Black And White list	Add (can be imported from user list), delete, move black and white lists
	WPS	PIN code access, PBC access
Advanced Network Settings	IPv6	Four IPv6 networking modes: relay mode, static IP, dynamic IP, and broadband connection. IPv6 is disabled by default
	APN	APN related information will be automatically adapted according to the inserted SIM card
	Guest Network	Off by default
	IPTV	Off by default
	Parental Control	Display the time period when the terminal's MAC address is used to access the external network. You can configure the switch, device
	VPN Client	There are two types of VPN client configurations: PPTP and L2TP
	ALG	Enable FTP / PPTP passthrough / L2TP passthrough
	Port Mapping	Support
	DMZ Settings	Enable and set the DMZ host address
	MAC Filtering	Add (you can import from the user list), delete, and move the whitelist
Firewall	IP Filtering	Add (you can import from the user list), delete, and move the whitelist
	NAT Settings	Completely conical, symmetrical, address restricted cone, port restricted cone
	DDOS	Enable the network attack prevention function. When this function is enabled, the router will start the network attack prevention function. When a host is detected to attack the router, it will automatically limit
Management	SNTP	/
	Traffic Statistics	Traffic statistics are used to visually show the use of broadband resources by intranet PCs
	TR069	The management server in the network management model defined by theTR069 protocol is called the automatic configuration server (ACS), and is responsible for managing the user terminal equipment . The ACS server can complete restart, reset, and upgrade of router according to the TR069 protocol, which can implement the function of managing multiple routers
	Change Password	Change the login password of the router
	Backup Upgrade	Download the backed up configuration and upload the backed up configuration
	Restart, Reset	Includes immediate restart and scheduled restart
Remote Management	Download the backed up configuration and upload the backed up	

Ordering Information

Product Model	Description
HSGQ-R1200	1×GE WAN
	3×GE LAN
	2.4GHz: 300Mbps
	5.8GHz: 866Mbps

For more information, please visit: <http://www.hsgq.com>

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