

HSGQ-R300



Product Features

Master	FLASH / Memory	4MB Flash/32MB DDR	
	WiFi	2.4GHz	
	Antenna	2.4G:2T2R 3dBi	
	Port	4×10/100M RJ45 (WAN×1+LAN×3)	
	Button	WPS/RESET	
	Power Supply	DC 12V/1A	
Wireless	Frequency Range	2.4~2.4835GHz	
	Wireless Rate	11b: 1/2 / 5.5 / 11Mbps	
		11g: 6/9/12/18/24/36/48 / 54Mbps	
		11n: up to 300Mbps	
	Working Channel	2.4G: 1~13	
	Spread Spectrum Technology	DSSS (Direct Sequence Spread Spectrum)	
	Data Modulation Method	802.11b: DSSS (DQPSK, DBPSK, CCK)	
		802.11g: OFDM (BPSK, QPSK,16-QAM, 64-QAM)	
		802.11n: OFDM (BPSK, QPSK,16-QAM, 64-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: 15dBm ± 2dBm@54Mbps 11n: 14dBm ± 2dBm@MCS7
		Receiving Sensitivity	2.4G
Button	Reset Button	1 reset button, long press for 5 seconds to restore factory settings	
	WPS	Short press to turn on	
LED Lights	POWER	Power indicator, blue indicator is always on when power is connected	
	WAN	The WAN is connected to the network cable, and the network cable is normal, and the blue is always on. When there is data transmission, the WAN indicator flashes blue.	
	LAN	LAN is connected to the network cable, and the network cable is normal, and the blue light is always on; when data is being transmitted, the LAN indicator flashes blue	
	WiFi	Wireless indicator light (always on, data transmission flashes)	
	Network Status	Always on with internet access, data flashing	
Environmental Standards	Operating Temperature:	-5°C~55°C	
	Storage Temperature:	-20°C ~ 60°C	
	Working Humidity:	10%~90%	

Software Requirements

Status	Router status	
	WiFi user connection status	
Language	English	
The Internet	Network Settings	Dynamic IP mode, broadband dial-up mode, static IP mode, default dynamic IP
	Local Area Network	DHCP setting, default LAN address is 192.168.1.1/24
	APN	APN related information will be automatically adapted according to the inserted SIM card
Wireless	WiFi Settings	WiFi switch, name, password, protocol, bandwidth, channel, hidden
	Black List	Add (can be imported from user list), delete, move black lists
	TR069	The management server in the network management model defined by the TR069 protocol is called the automatic configuration server (ACS), and is responsible for managing the user terminal equipment (CPE). The ACS server can complete restart, reset, and upgrade of CPE according to the TR069 protocol, which can implement the function of managing multiple routers
	Change Password	
Remote Management	Backup Upgrade	Download the backed up configuration and upload the backed up configuration
	Restart, Reset	Includes immediate restart and scheduled restart
Remote Management	Support remote viewing, login and upgrade management device	

Ordering Information

Product Model	Descriptions
HSGQ-R300	1×FE WAN
	3×FE LAN
	2.4GHz: 300Mbps

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

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