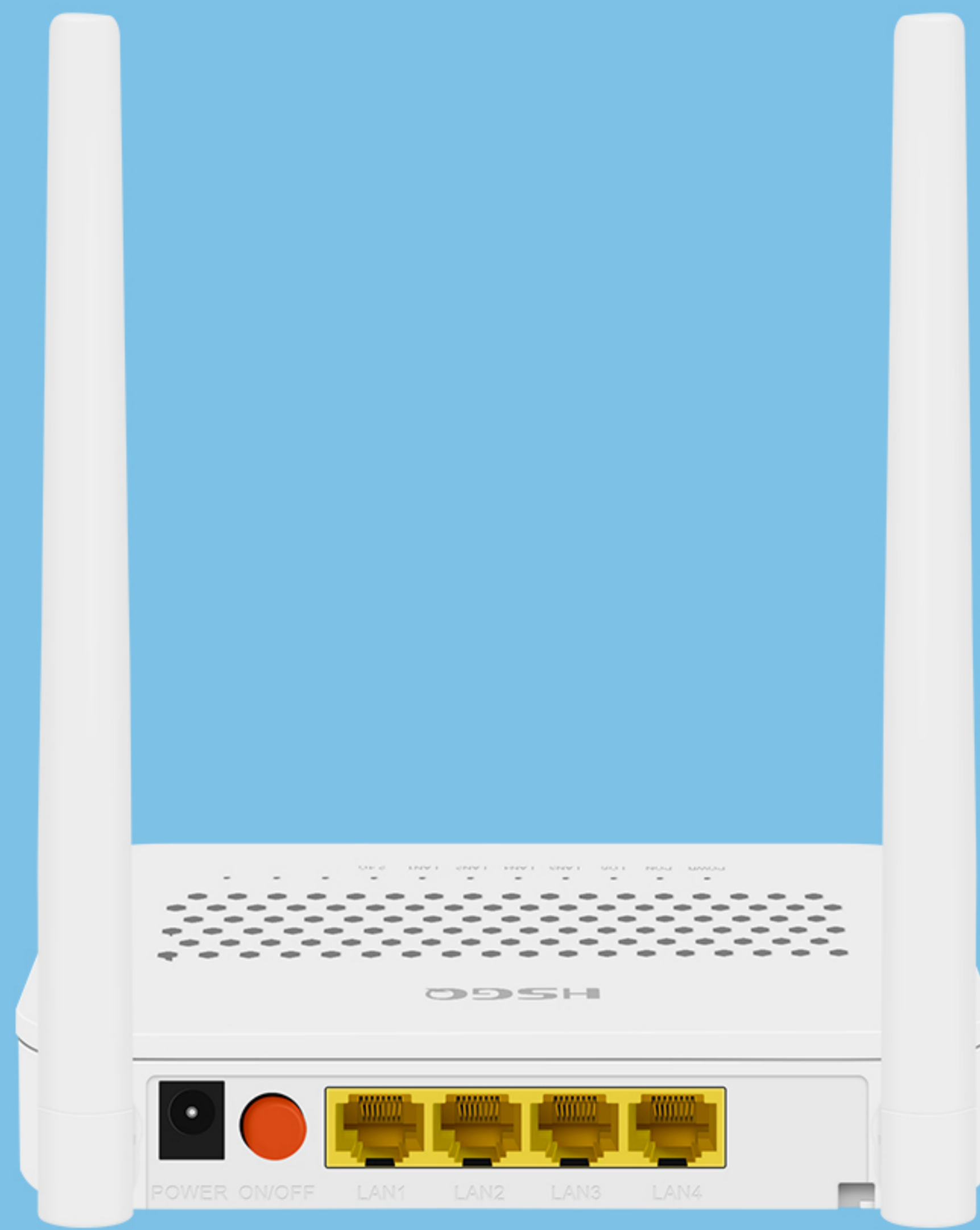


HSGQ-X130W



Product Description

HSGQ-X130W is for broadband access market based on the introduction of EPON&GPON technology passive optical network terminal products. It's with EPON/GPON OLT are used together to provide a complete broadband access solution. HSGQ-X130W can integrate wireless function with meeting 802.11 n/b/g technical standards, It has high gain directional antenna, the wireless transmission rate up to 866Mbps. It has the characteristics of strong penetrating power and wide coverage. It can provide users with more efficient data transmission security.

Technical Parameter

Module	Parameter
User Interface	1×10/100/1000M RJ45 Port
	3×10/100M
	2.4G WiFi
PON	EPON&GPON mode adaptive Interface Type: SC-UPC/SC-APC Network coverage radius: 20KM
	GPON: upstream 1.25Gbps/downstream 2.5Gbps Optical receive power: -7~-28dBm Continuous lightpower: 0.5dBm~+5dBm
	EPON: upstream 1.25Gbps/downstream 1.25Gbps Optical receive power: -7~-27dBm Continuous light power: 0dBm~4dBm
Ethernet	1×10/100/1000M+3×10/100M auto-negotiation
	Full/half duplex mode
	RJ45 connector
	Auto MDI/MDI-X
Size	140mm(L) × 90mm(W) × 30mm(H)
	Operating temperature: 0°C~60°C
Environment	Operating humidity: 10%~85%(non-condensing)
	Storage temperature: -40°C~80°C
	Storage humidity: 5%~95%(non-condensing)
Power Supply	12V/1A DC
	Power interface size: 2.1mm/5.5mm
Power Consumption	<7W
Management	WEB/TELNET/OMCI/OAM

WiFi Features(2.4G)

- WiFi Specification IEEE 802.11n compliant, 2.4 GHz
- Full IEEE 802.11b/g legacy compatibility with enhanced performance
- Two-stream spatial multiplexing up to 300 Mbps PHY data rates
- Support multi-SSID (Maximum 4 SSID)
- Support automatic channel selection
- Support hide SSID
- Support wireless security of 64/128 bit WEP, 802.1x, WPA and WPA2

Product Interfaces and Indicators Definitions

Indicator	Description
POWER	Power Status
	On: The ONU is power on Off: The ONU is power off
PON	ONU Register
	On: Success to register to OLT Blinking: In process of registering to OLT Off: Fail to register to OLT
LOS	Optical Signals
LAN	LAN Port Status
	On: Ethernet connection is normal Blinking: Data is being transmitted Off: Ethernet connection is not set up
2.4G	WiFi
	On: WiFi function Opens Blinking: Data is being transmitted Off: WiFi functions closes

Key Feature

- Support device-based rate limitation and bandwidth control
- In compliant with IEEE802.3ah & ITU-T G.984 standard
- Up to 20KM transmission distance
- Support data encryption, group broadcasting, port Vlan separation, etc.
- Support Dynamic Bandwidth Allocation (DBA)
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support port mode of VLAN configuration
- Support power - off alarm function, easy for link problem detection
- Wi-Fi series meet 802.11n/b/g/ac technical standards
- Support ACL to configure data packet filter flexibly
- Specialized design for system breakdown prevention to maintain stable system
- Support IPv4/IPv6
- Support QOS configuration
- Support port binding
- Support port mac-address learning
- Support software online upgrading
- Support PPPoE / DHCP Server / IPTV / NAT

Ordering Information

Product Model	Description
HSGQ-X130W	1×10/100/1000M Ethernet Interface(RJ45)
	3×10/100M Ethernet Interface(RJ45)
	1×EPON/GPON PON adaptive Interface
	2.4G WiFi

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

