

HSGQ-X100W3



Technical Parameter

Module	Parameter
User Interface	1×10/100/1000M RJ45
	2.4G WiFi
PON	EPON&GPON mode adaptive Interface Type: SC-APC/SC-UPC Network coverage radius: 20KM
	GPON: upstream 1.25Gbps/downstream 2.5Gbps Optical receive power: – 7dBm~ – 28dBm Continuous light power: 0.5dBm~+5dBm
	EPON: upstream 1.25Gbps/downstream 1.25Gbps Optical receive power: – 7dBm~ – 27dBm Continuous light power: 0dBm~4dBm
Ethernet	1×10/100/1000M auto-negotiation
	Full/half duplex mode
	RJ45 connector
	Auto MDI/MDI-X
Size	100m distance
	130mm(L) × 85mm(W) × 30mm(H)
Environmental	Operating temperature: -10°C~60°C
	Operating humidity: 10%~85%non-condensing
	Storage temperature: – 40°C~80°C
	Storagehumidity: 5%~95% non-condensing
Power Supply	12V/1A DC
	Power interface size: 2.1mm/5.5mm
Power	<8W
Management	WEB/TELNET/TR069/OMCI/OAM

Key Feature

- Support device - based rate limitation and bandwidth control
- In compliant with IEEE802.3ah and ITU-T G984.x standard
- WiFi series meet 802.11 n/b/g technical standards
- 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 VLAN configuration
- Support power-off alarm function, easy for link problem detection
- Support broadcasting storm resistance function
- Support port binding
- Support port forwarding
- Support ACL to configure data packet filter flexibly
- Specialized design for system breakdown prevention to maintain stable syste
- Support software online upgrading
- Support TR069 for ACS(Auto Config Server)
- Support PPPoE/DHCP Server/NAT
- Support IPv4/IPv6

WiFi Feature(2.4G)

- WiFi Specification IEEE802.11n compliant, 2.4 GHz
- Full IEEE802.11b/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	On: Optical power is abnormal
		Off: Optical in normal
LAN	LAN Port Status	On: Ethernet connection is normal
		Blinking: Data is being transmitted
		Off: Ethernet connection is not set up
2.4G	2.4G WiFi status	Blinking: Data is being transmitted
		On: WiFi function Opens
		Off: WiFi function closes

Ordering Information

Product Model	Description
HSGQ-X100W3	1×10/100/1000M Ethernet interface(RJ45)
	1 GPON/EPON adaptive interface
	2.4G WiFi

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

