HSGQ-X400DW

Technical Parameter

Module	Parameter
User Interface	4×10/100/1000M RJ45 port
	300 Mbps (2.4GHz)/866 Mbps (5GHz)
PON	EPON&GPON mode adaptive Interface Type: SC-UPC/SC-APC Security: ONU authentication mechanism Network coverage radius: 20KM
	GPON: upstream 1.25Gbps/downstream 2.5Gbps Optical receive power: −7dBm~−28dBm Transmitting optical power: 0.5dBm~5dBm
	EPON: upstream 1.25Gbps/downstream 1.25Gbps Optical receive power: −7dBm~−27dBm Transmitting optical power: 0dBm~4dBm
Ethernet	4×10/100/1000M auto-negotiation
	Full/half duplex mode
	RJ45 connector
	Auto MDI/MDI-X
	100m distance
Size	160mm(L) × 110mm(W) × 30mm(H)
Environmental	Operatingtemperature: 0°C~60°C
	Operating humidity: 10%~85% non-condensing
	Storage temperature: −40°C~80°C
	Storage humidity: 5%~95% non-condensing
Power Supply	12V/1.5A DC
	Power interface size: 2.1mm/5.5mm
Power Consumption	<12W
Management	WEB/TELNET/TR069/OMCI/OAM

WiFi Feature(2.4G/5G)

- WiFi Specification IEEE802.11n compliant, 2.4 GHz/5G
- Full IEEE802.11b/g/ac legacy compatibility with enhanced performance
- WiFi Standards IEEE 802.11ax/ac/n/a 5 GHz; IEEE 802.11ax/n/b/g 2.4 GHZ
- Operation Frequency 2.4-2.4835GHZ, 5.150GHZ~5.850GHZ
- Two-stream spatial multiplexing up to 866Mbps 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

Ordering Information

Product Model	Descriptions
HSGQ-X400DW	4×10/100/1000M Ethernet interface(RJ45)
	1 EPON & GPON adaptive interface
	300 Mbps (2.4GHz)/866 Mbps (5GHz)

Key Feature

- Support device-based rate limitation and bandwidth control
- In compliant with IEEE802.3ah & ITU-T G.984.x standard
- WiFi series meet 802.11 a/b/g/n/ac 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 QOS configuration
- Support port binding
- Support port forwarding
- Support ACL to configure data packet filter flexibly
- Specialized design for system breakd own prevention to maintain stable system
- Support software online upgrading
- Support TR069 for ACS(Auto Config Server)
- Support PPPoE/DHCP Server/IPTV/POTS/NAT
- Support IPv4/IPv6

Product Interfaces and Indicators Definitions

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	Red: Optical link lower than receiver sensitivity
		Green: 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	On: WiFi function opens
		Blinking: Data is being transmitted
		Off: WiFi function closes
5G	5G WiFi Status	On: WiFi function opens
		Blinking: Data is being transmitted
		Off: WiFi function closes
NET	Internet Status	On: ONU can access internet
		Off: ONU can not access internet
WPS	WPS Status	On:Terminal has connected
		Blinking:Terminal is connecting
		Off: Terminal not connected

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