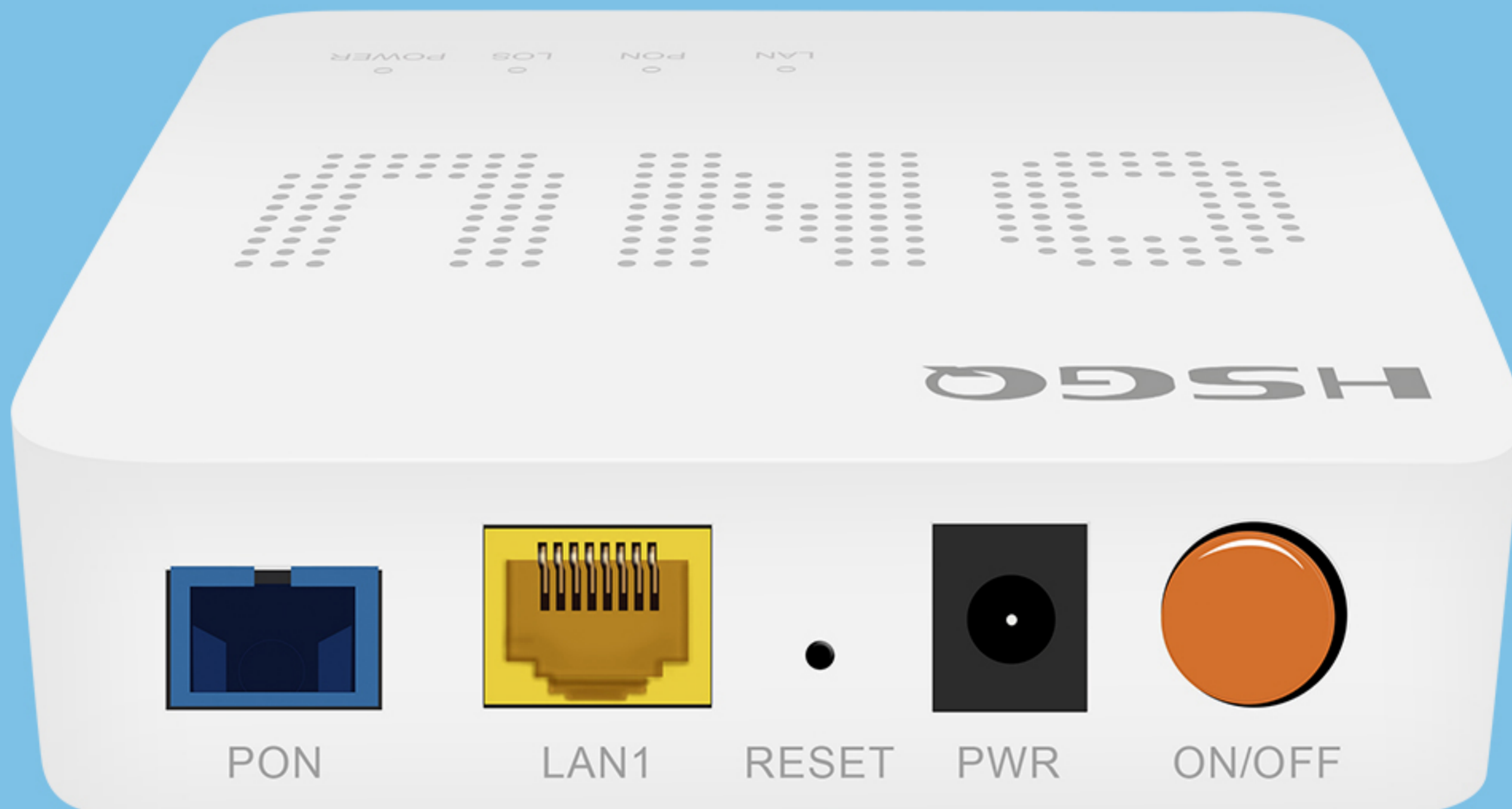


HSGQ-X100DG



Technical Parameter

Module	Parameter
User Interface	1×10/100/1000M RJ45
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 auto-negotiation
	Full/half duplex mode
	RJ45 connector
	Auto MDI/MDI-X
	100m distance
Size	105mm(L) × 85mm(W) × 25mm(H)
Environmental	Operating temperature: 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/0.5A DC
	power interface size: 2.1mm/5.5mm
Power Consumption	<3W
Management	Web/TELNET/TR069/OAM/OMCI

Key Feature

- Support port-based rate limitation and bandwidth control
- In compliant with IEEE802.3ah & ITU-T G.984 adaptive interface
- 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
- Support broadcasting storm resistance function
- Support port loop detection
- Support ACL to configure data packet filter flexibly
- Support PPPoE/DHCP Server/IPTV/NAT
- Specialized design for system breakdown prevention to maintain stable system
- Support software online upgrading
- Support mac/port/url filter
- Support IPv4/IPv6

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: Optical power is abnormal Off: Optical in normal
	On: Ethernet connection is normal Blinking: Data is being transmitted Off: Ethernet connection is not set up

Ordering Information

Product Model	Description
HSGQ-X100DG	1×10/100/1000M Ethernet interface(RJ45) 1 EPON/GPON adaptive interface

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Version: V1.0, updated on August 16, 2023.

Attention: Due to product version upgrades or other reasons, the content of this document may be updated from time to time. Unless otherwise agreed, Ben

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