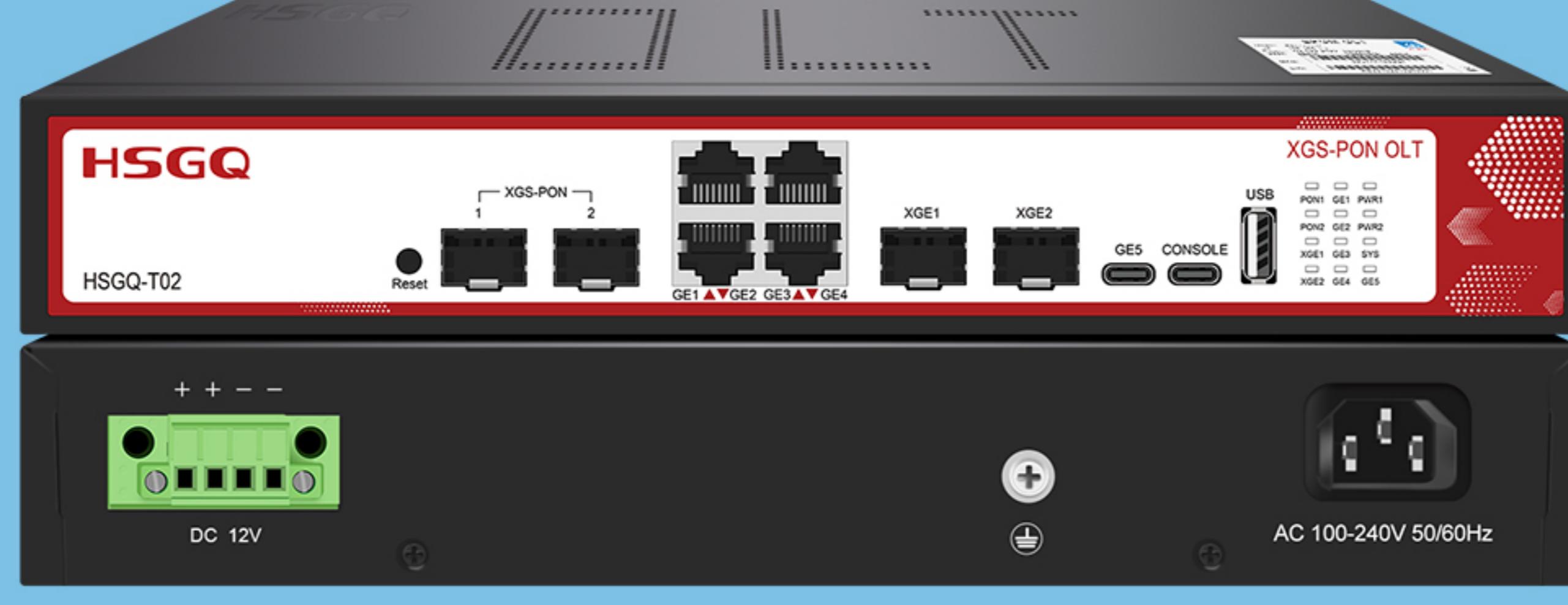




HSGQ-T02



Product Description

HSGQ-T02 is a box type XGS-PON/XG-PON OLT. The system has good stability and high reliability. Supports multiple management methods such as CLI, WEB, and SNMP. The product provides 2*XGS-PON/XG-PON ports, 4*GE RJ45, 1*GE type-c uplink ports and 2*10G SFP+ Slots. Users can quickly deploy, configure, and monitor the device via the cloud management, greatly reducing labor and time costs during network construction. Suitable for sparsely populated and budget limited areas, smart industrial parks, commercial buildings, FTTR, etc. Each PON port supports a maximum split ratio of 1:128, supports up to 256 users, 1U height is convenient for installation and maintenance. It is an excellent choice for operators to migrate from GPON to 10G PON.

Key Features

- Support flexible DBA and upstream/downstream traffic control
- Support IP ToS and IEEE802.1Q
- Support port aggregation
- Support port based traffic control and traffic shaping
- Support ONU automatic discovery, automatic identification and authorization
- Support automatic loop detect function
- VLAN transparent, VLAN translation, VLAN QinQ
- Flexible and controllable multicast support, supporting IGMP snooping
- Support ACL and QoS
- Supports layer 3 functionalities such as DHCP, static routing, and OSPF
- Supports IPv6/IPv4
- Support cloud management
- Compliant with ITU-T G.987
- Compliant with ITU-T G.9807.1

Product Specifications

Power Supply	AC 100-240V, 50-60Hz; DC 12V
Power Consumption	<50W
PON Features	Support auto register ONU white and deny list DBA Configuration P2P
Cloud Management	Device List Project Management Version Release License Management Alarm List
Configuration And Management	CLI,WEB,SNMP/NMS,CLOUD Firmware Upgrade Ping and debug Support User, log and alarm management
L2 Function	VLAN transparent, translate, QinQ IGMP Snooping/proxy Port Isolation MSTP,RSTP ERPS,LLDP,LACP
L3 Function	DHCP Static Route OSPF, RIP VRRP PIM

Product Specifications

Interface	2*XGS-PON/XG-PON
	4*GE RJ45; 1*GE Type-C
	2*10G SFP+
	1* USB 2.0
PON	PON port: PON SFP+ slot(20 pin)
	Type XG(S)-PON: Class N1/N2
Bandwidth	Split Ratio: 1:128(Maximum)
	XGSPON Upstream 9.953Gbps @1270nm; Downstream 9.953Gbps @1577nm
	XGPON Upstream 2.488Gbps @1270nm; Downstream 9.953Gbps @1577nm
Flash	32MB
DDR	512MB
Size	285mm* 192mm*44mm
Weight	1*Type-C Console
Environment	Work Temperature: -10°C~60°C
	Storage Temperature: -40°C~80°C
	Humidity: 10%~95% (Non condensing)

Packing List

Product Model	Quantity
OLT	1 pc
Power Cable	1 pc
Installing accessories	1 set
Warranty card	1 pc
Grounding wire	1 pc

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

Tel: 0755-8175 5526

Fax: 0755-8958 2791

Email: hsgq@hsgq.com

Factory Address: 5/F, Bldg C, Zone B, Hongfa Technology Industrial Park, Tangtou Community, Shiyuan St., Bao'an District, Shenzhen City, Guangdong Province, PRC China.

Copyright @ 2025 Shenzhen Hs Fiber Communication Equipment Co., LTD, All rights reserved

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

All statements, information and recommendations in this document do not constitute any warranty of any kind, express or implied.

