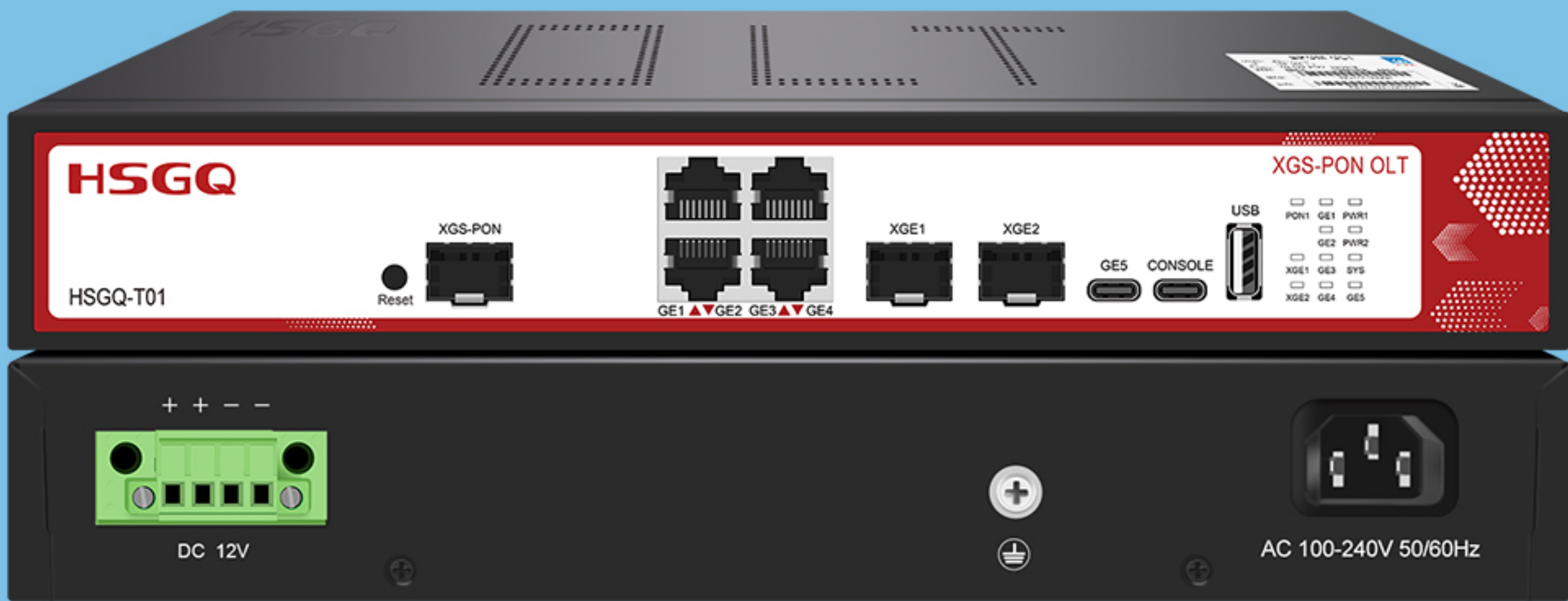




HSGQ-T01



Product Description

HSGQ-T01 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 1*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 128 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

Interface	1*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
	Split Ratio: 1:128(Maxmium)	
Bandwidth	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)	

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

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>

