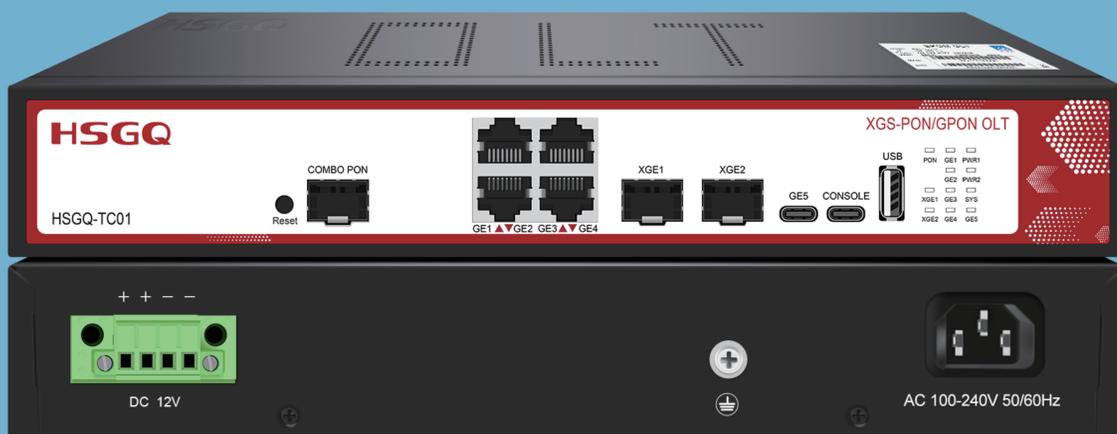




HSGQ-TC01



Product Description

HSGQ-TC01 is a box type XGS-PON/GPON Combo 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/GPON port, 4*GE RJ45 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
- Compliant with ITU-T G.984.x

Product Specifications

PON features	Support auto register ONU white and deny list DBA Configuration
Cloud Management	Device List Project Management Version Release License Management
Configuration and Management	CLI,WEB,SNMP/NMS,CLOUD Firmware Upgrade Ping and debug Support User, log and alarm management
L2 Feature	VLAN transparent, translate, QinQ IGMP Snooping/proxy Port Isolation MSTP,RSTP ERPS,LLDP,LACP
L3 Feature	DHCP Static Route OSPF, RIP

Product Specifications

User Interface	1*XGS-PON/XG-PON/GPON 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 GPON: Class C++/Class C+++ Split Ratio: 1:128
Bandwidth	XGS-PON Upstream 9.953Gbps @1270nm; Downstream 9.953Gbps @1577nm XG-PON Upstream 2.488Gbps @1270nm; Downstream 9.953Gbps @1577nm GPON Upstream 1.244Gbps @1310nm; Downstream 2.488Gbps @1490nm
Flash	32MB
DDR	512MB
Dimensions	285*192*44mm
Management ports	1*Type-C Console
Environment	Work Temperature: -10°C~55°C Storage Temperature: -40°C~80°C Humidity: 10%~95% (Non condensing)
Power supply	AC 100-240V, 50-60Hz; DC 12V
Power Consumption	<50W

Product Model	Descriptions
HSGQ-TC01	1*XGS-PON/XG-PON/GPON
	4*GE RJ45
	1*GE Type C
	2*10G SFP+
	1*USB 2.0
	1*Type-C Console

Packing List

Item	Quantity
OLT	1 pc
Power Cable	1 pc
Installing accessories	1 set
Warranty card	1 pc

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

Tel: 0755-8175 5526

Fax:0755-8958 2791

Email:hsgq@hsgg.com

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

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