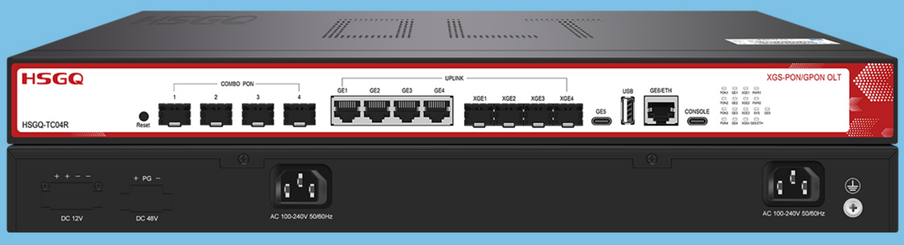
# HSGQ-TC04R




## Product Description

HSGQ-TC04R is a box type XGSPON/GPON Combo OLT. The system has good stability and high reliability. Supports multiple management methods such as CLI, WEB, and SNMP. The product provides 4 XGSPON/XGPON/GPON ports, 4*GE RJ45 uplink ports and 4*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 limitted areas, smart industrial parks, commercial buildings, FTTR, etc. Each PON port supports a maximum split ratio of 1:128, supports up to 512 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

| | | |
|---|---|---|
| Interface | 4*XGSPON/XG-PON/GPON | |
| | 4*GE RJ45 | |
| | 1*GE Type-C | |
| | 4*10G SFP+ | |
| | 1* USB 2.0 | |
| PON | PON port: | PON SFP+ slot(22 pin) |
| | Type: | XG(S)-PON: Class N1/N2 |
| | | GPON: Class C++/Class C+++ |
| | Split Ratio: 1:128(Maxmium) | |
| Bandwidth | XGSPON: | Upstream 9.953Gbps @1270nm; Downstream 9.953Gbps @1577nm |
| | XGPON: | Upstream 2.488Gbps @1270nm; Downstream 9.953Gbps @1577nm |
| | GPON: | Upstream 1.244Gbps @1310nm; Downstream 2.488Gbps @1490nm |
| Flash | 32MB | |
| DDR | 512MB | |
| Dimensions | 440*262*44mm | |
| Management Ports | 1*GE/ETH inbound/outbound ; 1* Type-C Console | |
| Power Supply | AC 100-240V, 50-60Hz; DC 12V; DC 48V | |

## Product Specifications

| | |
|---|---|
| Environment | Work Temperature: -10°C~55°C |
| | Storage Temperature: -40°C~80°C |
| | Humidity: 10%~95% (Non condensing) |
| 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 Monitoring | 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

| Item | Quantity |
|---|---|
| OLT | 1pc |
| Power Cable | 1pc |
| Installation Accessories | 1set |
| Warranty Card | 1pc |

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

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