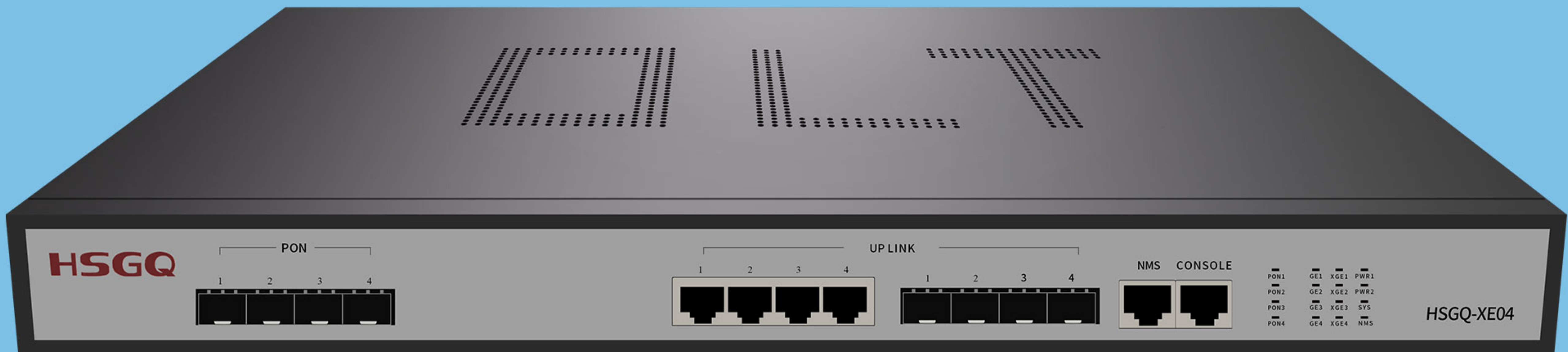


HSGQ- XE04



Description:

The HSGQ-XE04 is a high integrated, medium capacity box EPON OLT switch equipment developed by HSGQ for the operator access and enterprise park network. The product follows IEEE802.3ah technical standard and meets the requirements of EPON OLT equipment in "YD/T 1475-2006 access network technical requirements". It has good openness, large capacity, high reliability and complete software functions.

It is widely used in the construction of network coverage, special, enterprise park network access and other network construction.

Technical Parameter

Model	HSGQ-XE04	
DDR	512M	
FLASH	32M	
Size (L*W*H)	Product size:442mm×260mm×44mm Package size:520mm×372mm×87mm	
Weight	<5kg	
Uplink	QTY	8
	Copper	4*10/100/1000M auto-negotiable,RJ45
	SFP	4 1G/10G SFP
PON	QTY	4
	Physical Interface	4 PON SFP slots
	Type	1000BASE-PX20+/PX20++/PX20+++
	Max splitting ratio	1:64
Management Ports	CONSOLE port/NMS port	
Power Input	AC: 100V~240V 47/63Hz	
PON function	Support auto register Blacklist and whitelist onu DBA configure P2P ONU authorization	
Working Temperature	-10℃~60℃	
Humidity	5%~95%	
Layer 2/3 function	VLAN,QinQ,translation Support at most 4094 VLAN;performance statistic 16K MAC address;mac address management Port mirror Support RSTP Storm control Support IGMP Snooping/proxy Support 4K router hosts Support 64 router subnets Port isolation ACL access control based on data stream QoS based on port, VID, TOS and MAC address; Encrytion of PON port transmitting data	
Support standard	IEEE 802.3ah EPON IEEE802.3(10Base-T) IEEE802.3u(100Base-TX) IEEE802.3z (1000BASE-X) IEEE802.3ab (1000Base-T) IEEE802.1Q(VLAN) IEEE802.1d(STP) IEEE802.1W(RSTP) IEEE802.1p(COS) IEEE802.3x (flow-control)	
Configuration and Management	CLI,WEB,SNMP/NMS Software and bootrom Upgrade by TFTP and FTP Chinese/English command prompt Ping Debug diagnosis User management; Log management Alarm management.	

Advantage:

- EPON: OLT follows the technical standard of IEEE802.3ah and China telecom. (YD/T 1475-2006)
- Optical link diagnosis: complete warning mechanism
- High reliability: supports dual power supply(Default single power supply).
- Dimension: 1U cassette save space, low power consumption
- Uplink: support electrical and optical modules, can be flexibly configured according to different networking.
- Capacity: Each PON supports up to 64 terminals, the whole device supports up to 256 ONUs under full configuration.

Feature:

- Support full wire-speed forwarding
- 16K MAC address table.
- Complete network management functions
- Support flexible DBA, up and down traffic speedcontrol.
- Support IP ToS, IEEE802.1Q
- Support port aggregation
- Port-based traffic control, traffic shaping.
- Support ONU automatic identification, auto-discovery, and auto-registration.
- Support the automatic loop-back test function.
- VLAN powerful features, including VLAN Stacking, Trunk, Translation.
- Flexible and controllable multicast support, support IGMP snooping.
- Support ACL /QoS