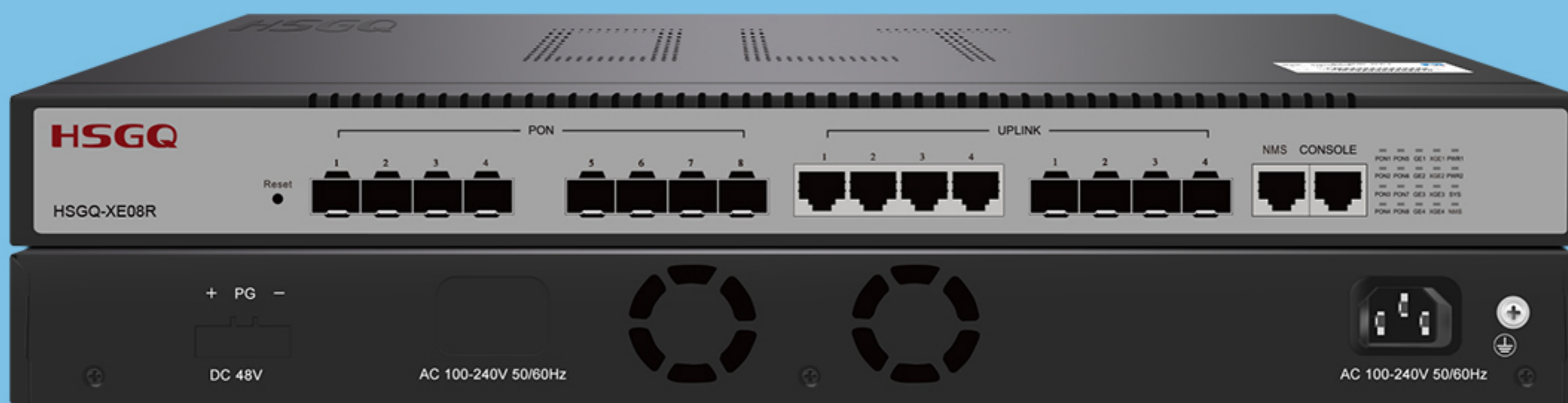


HSGQ-XE08R



Product Specifications

Interface	8×EPON
	4×10/100/1000M RJ45
	4×1G/10G SFP+
PON	Physical Interface: 8 PON SFP Slots
	Type: 1000BASE-PX20+/PX20++/PX20+++
	Max splitting ratio: 1:64
Flash	32M
DDR	256M
Size	442mm × 260mm × 44mm
Weight	<5kg
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)
	Each OLT interface supports at most 64 ONU
Transmission distance of each OLT is at most 20Km	
Management Ports	Console port/ETH port
Environment	Operating temperature: -10°C~60°C
	Storage temperature: -40°C~80°C
	Storage humidity: 5%~95% (non-condensing)
Power Supply	AC:100V~240V 50/60Hz
	<40W
PON Function	Support auto register
	Blacklist and whitelist onu
	DBA configure
	P2P
Configuration And Management	ONU authorization
	SNMP/NMS
	Web GUI management
	CLI,SNMP,TELNET,CLOUD, Cluster etc.
	Software and bootrom upgrade by TFTP and FTP
	Chinese/English command prompt
	Ping and traceroute
	Debug /log management
	User management
	Log management
	Alarm management

Product Specifications

Layer 2/3 Function	VLAN, QinQ, Link convergency, broadcast storm control
	Support 4094 VLAN; performance statistic
	16K MAC address; mac address management
	Port mirror / Static Trunk
	Support RSTP
	Support Control
	Support IGMP Snooping/proxy
	Support 512 router hosts
	Support 64 router subnets
	Limit quantity of maximum user at each port
	Port isolation
	Packet storm control
	ACL access control based on data stream
	QoS based on port, VID, TOS and MAC address;
	Encryption of PON port transmitting data
Support 802.1X authentication	

Key Features

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

Product Advantages

- EPON: OLT follows the technical standard of IEEE802.3ah and China telecom(YD/T 1475-2006)
- Compatible with mainstream ONU
- 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 512 ONUs under full configuration

Ordering Information

Product Model	Description
HSGQ-XE08R	8×EPON Ports
	4×10/100/1000M Ethernet interface(RJ45)
	4×1G/10G SFP+

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

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

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