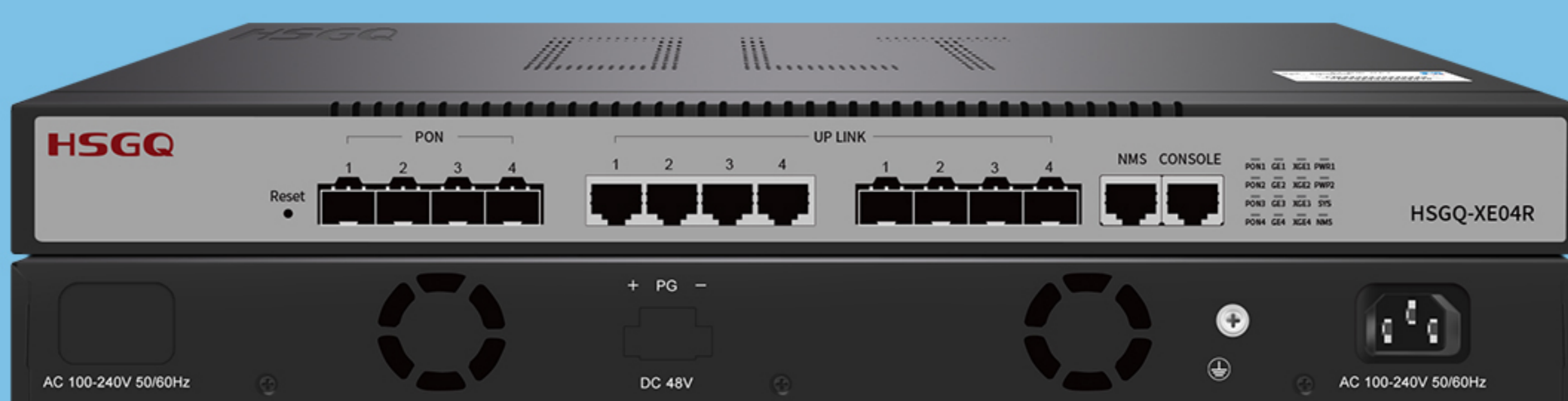


# HSGQ-XE04R



## Product Specifications

Interface	4×EPON
	4×10/100/1000M RJ45
	4×10G SFP+
PON	Physical Interface: 4 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)
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)
	AC:100V~240V 47/63Hz
Power Supply	<40W
PON Function	Support auto register
	Blacklist and whitelist onu
	DBA configure
	P2P
	ONU authorization
Configuration And Management	CLI,WEB,SNMP/NMS,CLOUD
	Software and bootrom upgrade by TFTP and FTP
	Chinese/English command prompt
	Ping
	Debug diagnosis
	User management
	Log management
Alarm management	

## Product Specifications

Layer 2/3 Function	VLAN, QinQ, translation
	Support 4094 VLAN; performance statistic
	16K MAC address; mac address management
	Port mirror
	Support RSTP
	Support 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

## Key Features

- 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
- Support 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

## Product Advantages

- 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

## Ordering Information

Product Model	Description
HSGQ-XE04R	4×EPON Ports
	4×10/100/1000M Ethernet interface(RJ45)
	4×10G SFP+

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