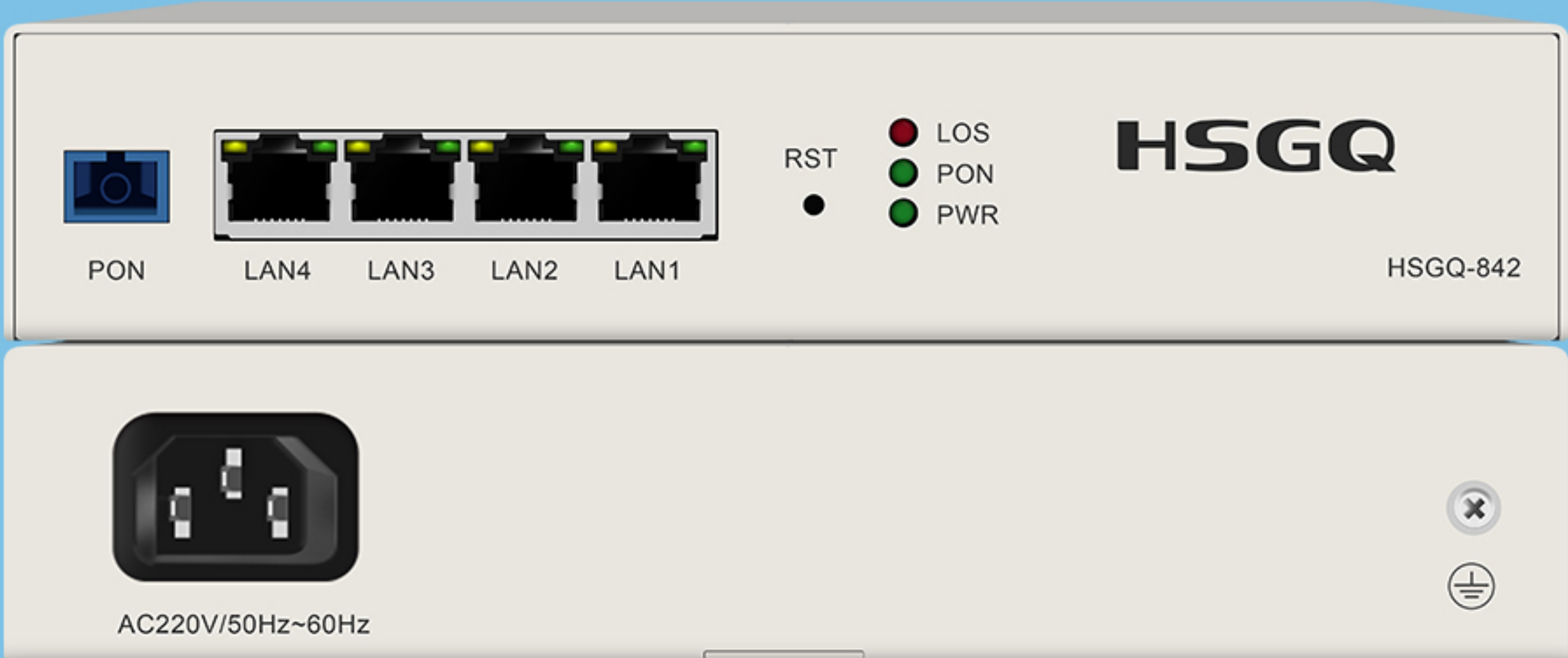


HSGQ-842



Product Description

HSGQ-842 is one of the latest 84 series of industrial-grade XPON passive optical network communication terminals launched by our company. The product provides 4 GE and 1 optical fiber access port, built-in industrial power supply, and metal casing; product stability and wide compatibility , suitable for high-speed interconnection projects such as smart cities and smart transportation. It can work normally in harsh environments with high and low temperature differences, and can well meet the application of high-speed data transmission.

Technical Parameter

Module	Parameter
User Interface	4×10/100/1000M adaptive RJ45 connection
	RJ45 lightning protection: common mode 6KV; differential mode 2KV
PON Interface	1×GPON/EPON interface
	Interface type: PX20+
	Uplink and downlink rates: 1.25Gbps/2.5Gbps
	1.25Gbps/1.25Gbps
	Transmitted optical power: 0.5~4dBm
	Optical receive power: – 7~ – 28dBm
	Sensitivity: ≥ – 28dBm
Management	Uplink and downlink wavelength: 1310nm/1490nm
	Support web interface management
	Support TELNET command remote login management
Size	200mm(L) × 135mm(W) × 40mm(H)
Environmental	Working environment: -40°C~75°C; 10%~85% non-condensation
	Storage environment: -40°C~85°C; 5%~95% non-condensation
Power Supply	Built-in industrial power supply
	100~240V AC
	Power: 6W

Key Feature

- Adopt point-to-multipoint network topology to effectively collect and aggregate users' scattered Ethernet services, and provide a standard RJ45 Fast Ethernet interface on the user side
- The dynamic bandwidth allocation mechanism allows all users to share bandwidth more reasonably, achieve acceptable quality of service (QoS), and ensure the service quality of different services in the same network
- Support IGMP multicast and effectively utilize broadband
- Support multicast VLAN
- Using GPON, meeting ITU-T G.984/G.988 standard
- Provide remote management through OLT and support local console management
- Supports line loopback detection function of user-side Ethernet interface
- Support IEEE802.1q VLAN protocol
- Support broadcast storm suppression
- Support IEEE802.3x flow control (full duplex)
- Support IEEE802.1p, CoS protocol
- Support WR, SP queue scheduling algorithm
- Support port speed limit
- Supports high, low and wide temperature differences of – 40~+75 degrees
- All ports support 6KV lightning protection capability
- Support IPv4/IPv6

Ordering Information

Product Model	Description
HSGQ-842	4×10/100/1000M RJ45 interfaces
	Power supply AC 220V
	1 EPON/GPON adaptive interface

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

