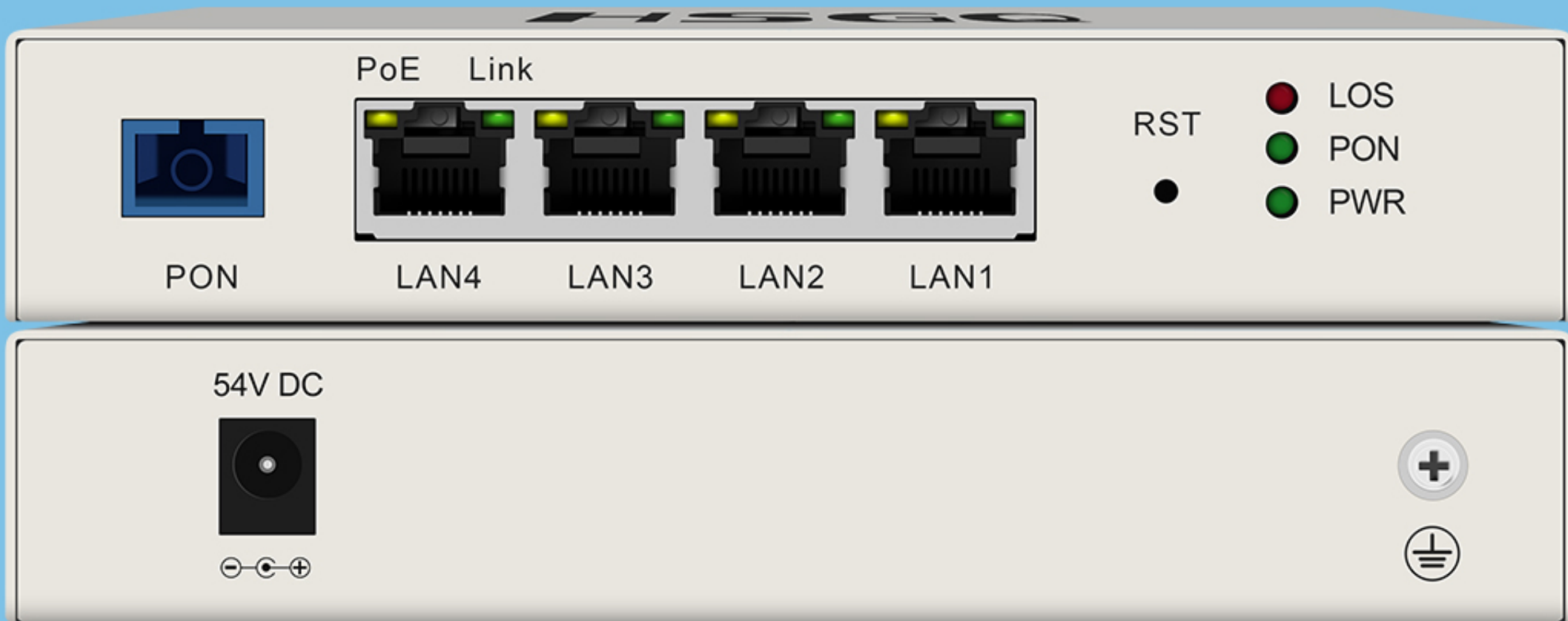


HSGQ-843



Product Description

HSGQ-843 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 and metal shell; The stability and wide compatibility of the product are suitable for high-speed interconnection projects such as smart city and smart transportation. It can work normally under the harsh environment of high and low temperature difference, and well meet the application of high-speed data transmission.Industrial applications, the operating environment supports the temperature difference between -40°C~+75°C, and all ports support 6KV lightning protection function, which is safe regardless of indoor and outdoor deployment.

Technical Parameter

Module	Parameter
User Interface	4×10/100/1000M RJ45
	1×EPON & GPON adaptive interface
	RJ45 lightning protection: CM 6KV, DM 2KV
PON	EPON&GPON mode adaptive Interface Type: SC-UPC/SC-APC Security: ONU authentication mechanism Network Coverage Radius: 20KM
	GPON: Upstream 1.25Gbps/downstream 2.5Gbps Optical Receive Power: – 7dBm~ – 28dBm Transmitting Optical Power: 0.5dBm~5dBm
	EPON: Upstream 1.25Gbps/downstream 1.25Gbps Optical Receive Power: – 7dBm~ – 27dBm Transmitting Optical Power: 0dBm~4dBm
PoE/PoE+	The maximum power of a single port is 30W, and the maximum power of the whole machine is 60W
	Power supply line sequence 1/2(+), 3/6(-)
	PoE Standard: IEEE 802.3af/at
	Onboard power: 6W
Management Configuration	Support web interface management
	Support telnet command remote login management
Size	145mm (L) × 105mm (W) × 25mm (H)
Environmental	Operating Temperature: – 40°C~75°C
	Operating Humidity: 10%~85% Non-Condensing
	Storage Temperature: – 40°C~75°C
	Storage Humidity: 5%~95% Non-Condensing
Power Supply	DC 54V-1.2A

Key Feature

- The point to multipoint network topology is adopted to effectively collect and aggregate the scattered Ethernet services of users, and the standard RJ45 Fast Ethernet interface is provided on the user side
- Dynamic bandwidth allocation mechanism enables all users to share bandwidth more reasonably, realize reliable quality of service (QoS), and ensure the service quality of different services in the same network
- Support IGMP multicast and make effective use of broadband
- Support multicast VLAN
- GPON is adopted to meet ITU-T G.984/G.988 standards
- Provide remote management through OLT and support local console management
- Support the 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 and SP queue scheduling algorithms
- Support port speed limit
- Support -40°C~+75°C high and low temperature difference
- All ports support 6KV lightning protection
- Support PoE network port power supply conforming to IEEE802.3 at/af standard
- Support IPv4/IPv6

Ordering Information

Product Model	Description
HSGQ-843	4×10/100/100M RJ45 (PoE)
	1×E/GPON adaptive interface
	Adapter DC 54V-1.2A

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

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