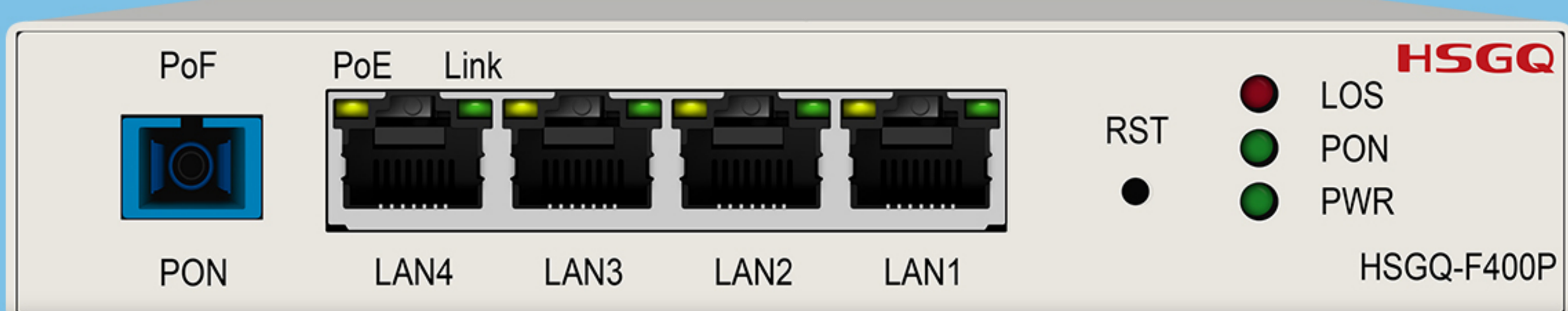




HSGQ-F400P



Product Description

HSGQ-F400P is a PoF industrial ONU for all-optical network solution, providing 1*G/EPON adaptive SC port, 4*GE LAN port, high-speed access, downlink 2.5Gbps, uplink 1.25Gbps; support Plug & Play, OMCI remote config; PON port supports PoF optoelectronic hybrid cable access, RJ45 supports PoE 30W output, to achieve "No Power Mode" from the server room to the terminal.

Key Features

- Adopts point-to-multipoint network topology, effectively collects and aggregates users' dispersed Ethernet services, and provides standard RJ45 Gigabit Ethernet interfaces on the user side.
- Support vlan pass-through/tagging/translation/Qin-Q/trunkMulticast passthrough support
- Support IGMP multicast, effective use of broadband
- Provide remote management via OLT, supports local web/telnet management
- Support line loopback detection for user-side Ethernet interfaces
- Support IEEE 802.1q VLAN Protocol
- Support broadcast storm suppression
- Support IEEE802.3x flow control (full duplex)
- Support IEEE 802.1p, CoS protocols
- Support WR, SP queue scheduling algorithm
- Support port speed limit
- Support -30°C~70°C operating environment
- Support IPv4 and IPv6
- Support cloud management
- Support PoF

Hardware Specification

Module	Parameter
User Interface	4*GE RJ45 interface
PoF PON Interface	GPON and EPON Mode Auto-adaptive Interface Mode: Optical Composite Cable (PoF)
	GPON: Uplink 1.25Gbps / Downlink 2.5Gbps Transmit optical power: 0~4dBm Optical power: -7dBm~-28dBm
	EPON: uplink 1.25Gbps / downlink 1.25Gbps Transmit optical power: 0~4dBm Optical power: -7dBm~-27dBm
PoE Standard	IEEE 802.3af/at (PSE)
PoE Power Supply Type	End-span
PoE Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	48~57V DC
PoE Power	30W max for each port, 120W max in total
Sizes	119*85*28mm
Environmental	Working temperature: -30°C~70°C
	Operating humidity: 0% to 85% (non-condensing)
	Storage temperature: -40°C~80°C
Input Voltage	PoF: 48V-57V
	DC: 48V-57V
Power Consumption	<130W

Product Status Indicator

PWR	Power Status	On: The ONU is power on Off: The ONU is Power off
PON	ONU Register	On: Success to register to OLT Blinking: In process of registering to OLT Flash: registering to OLT Off: Fail to register to OLT
LOS	Optical Signals	Red light on: no optical signal input or abnormal optical signal input Off: Normal light signal input
Link	LAN Port Status	On: Link connection is normal Flash: data transfer Off: the link is not working
PoE	PoE Status	On: power supply status Off: unpowered state

Ordering Information

Product Model	Descriptions
HSGQ-F400P	4*10/100/1000M Ethernet RJ45 interface Support PoE/PoE+ output, each port maximum power 30W 1 EPON & GPON Adaptive PON interface (PoF power support)

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

Tel: 0755-8175 5526

Fax: 0755-8958 2791

Email: hsgq@hsgq.com

Factory Address: 5/F, Bldg C, Zone B, Hongfa Technology Industrial Park, Tangtou Community, Shiyan St., Bao'an District, Shenzhen City, Guangdong Province, PRC China.

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