

HSGQ-810P XPON MDU 8 Port SFP

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Variants

Non PoE 10/100/1000M POE 10/100/1000M

Details

Product Description

HSGQ-810P is our latest XPON passive optical network communication terminal 8-port MDU. The product supports G/EPON adaptive, provides 8 GE network ports, 1 1.25G SFP slot, metal shell; The stability and wide compatibility of the product are suitable for high-speed interconnection projects such as video surveillance, smart city, and smart transportation, and can work normally under the harsh environment of high and low temperature difference, which can well meet the application of high-speed data transmission.

Technical Parameter

Module	Parameter

User Interface	8×10/100/1000M adaptive RJ45 interface 1×1.25G SFP slot 54V DC output power supply
PON	1×GPON/EPON Interface Interface type: PX20+GPON: upstream 1.25Gbps/downstream 2.5Gbps Transmit optical power: 0~4dBm Optical power: -7 DBM ~-28 DBM EPON: upstream 1.25Gbps/downstream 1.25Gbps Transmit optical power: 0dBm Optical power: -7 DBM ~-27 DBM
PoE	Power supply sequence 1/2(+),3/6(-) PoE output voltage 54VDC The maximum power of a single port is 30W, and the maximum power of the whole machine is 120W
RJ45 Lightning Protection	Common mode 4kV Differential mode 2kV
Size	286mm x 192mm x 44mm
Environment	Operating temperature: -30°C~70°C Working humidity: 10%~90% (no condensation) Storage temperature: -40°C to 80°C Storage humidity: 5%~95% (storage temperature)
Power Supply	100~240V AC
Power Consumption	Power: 10W (excluding PoE)

Key Features

1. The point-to-multipoint network topology effectively collects and converges the scattered Ethernet services of users and provides a standard RJ45 fast Ethernet interface on the user side.
2. The dynamic bandwidth allocation mechanism enables all users to share bandwidth more reasonably, achieve reliable quality of service (QoS), and ensure the service quality of different services in the same network.
3. Support IGMP multicast, efficient use of broadband.
4. Support multicast VLAN.
5. Provide remote management via OLT and supports local console management.
6. Support the loopback detection function of the Ethernet interface on the user side.
7. Support IEEE 802.1q VLAN protocol.
8. Support broadcast storm suppression.
9. Support IEEE802.3x flow control (full duplex).
10. Support IEEE 802.1p, CoS protocol.
11. Support WR and SP queue scheduling algorithms.
12. Support port speed limiting.

13. Support wide temperature difference between -30°C and 75°C.
14. All ports support 4KV lightning protection.
15. Support PoE network port power supply that complies with IEEE802.3af/802.3at standards.
16. Support IPv4 / IPv6.

Ordering Information

Product Model	Description
HSGQ-810P	8×10/100/1000M RJ451×1.25G SFP slot8*PoE interface (120W)Power supply AC 220V

Product Interfaces

Indicator	Description

PWR	Power StatusSteady on: The device is powered onOff: The device is not powered on
PON	Registration StatusSteady on: The OLT is successfully registeredFlash: Registering to OLTOff: No signal input or optical signal input is abnormal
LOS	Optical SignalsSteady red: No signal input or optical signal input is abnormalOff: The optical input is normal
Link	LAN StatusSteady on: The link is properly connectedShiny: Data transferOff: The link is down
1G	Fiber Port StatusSteady on: The link is properly connectedShiny: Data transferOff: The link is down
ETH	ETH Port StatusSteady on: The link is properly connectedShiny: Data transferOff: The link is down
PoE	PoE StatusSteady on: The power supply is runningOff: The power supply is off