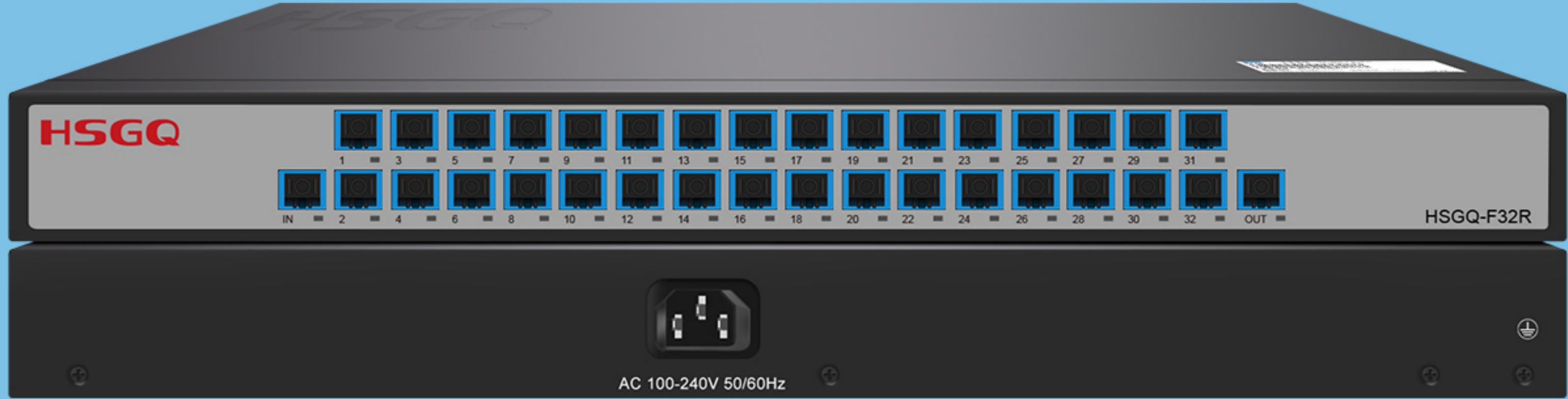# HSGQ-F32R

Product Description

HSGQ-F32R optical router is an optoelectronic device that integrates 1+32-channel optical distribution unit and 32-channel 48V power supply unit. It can provide data transmission and long-distance power supply to the optical network unit (ONU) at the same time with the optoelectronic hybrid cable. The maximum transmission distance is 300 meters, and it can be secondary cascade. It is widely used in all-optical transmission networking solutions such as parks, hotels, and video surveillance.

Product Specifications

User Interface	32*PoF SC(Out)
	1*PON（Out）
	1*PON（In）
PON	GPON and EPON mode self-adaptation Interface mode: Optical-electric composite cable
	GPON: upstream 1.25Gbps /downstream 2.5Gbps Optical Power: -7dBm~-28dBm
	EPON: upstream 1.25Gbps /downstream 1.25Gbps Transmit optical power: 0~4dBm Optical Power: -7dBm~-27dBm
Size	445*310*44mm
Environment	Operating temperature: -10°C~50°C
	Operating humidity: 0%～85% (non-condensing)
	Storage temperature: -40°C~80°C
	Storage humidity: 5%~95% (non-condensing)
Power Supply	AC: 100-240V 50/60Hz
Power Consumption	＜800W

Key Features

- Support -10°C~50°C working environment
- Support PoF, single-port power supply maximum support 80W, total power 800W
- Input: 1*PON(IN)
- Output: 32*PoF SC(Out)
- Cascade port: 1*PON（Out）， Maximum supported two-level cascade

Product Status Indicator

Indicator	Describe
Interface Light	Always on: The port power output is normal
	Off: short circuit or abnormality

Ordering Information

Product Model	Description
HSGQ-F32R	32*PON (Out)
	1*PON (IN)
	1*PON（Out） Optical Router