

# HSGQ-F881 WIFI 6

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HSGQ-F881 WIFI 6

## Variants

F881

## Details

### 1. Product Description

HSGQ-F881 is a PoE ceiling-mounted optical AP in FTTH solution. HSGQ-F881 provides 1'GE LAN port, 12.5GE PD port and AX3000 WiFi, high-speed access, downlink 2.5Gbps, uplink 1.25Gbps, supports plug-and-play, OMCI and TR009 remote maintenance functions: supports optical-electrical hybrid cable access, no power adapter required.

1. Easy Installation: Directly installed on the ceiling, no additional power cord is required, saving wiring time and cost.
2. Simple Appearance: Beautiful design, can be well integrated into the indoor environment.
3. Wide Coverage: Generally equipped with high-gain antennas, wide signal coverage, can effectively solve the problem of signal dead spots.
4. Easy Management: Most PoE ceiling APs support centralized management, which is convenient for configuration and maintenance.
5. Application Scenario: Suitable for hotels, shopping malls, office buildings, schools and other places.

### Key Feature

- Adopting point-to-multipoint network topology, effectively collecting and converging the scattered Ethernet services of users, and providing

standard RJ45 Fast Ethernet interface on the user side

- 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
- Support IGMP multicast to effectively utilize broadband
- Support multicast VLAN
- Provides remote management via OLT and supports local console management
- Support line loopback detection function of user-side Ethernet interface
- Support IEEE 802.10 VLAN protocol
- Support broadcast storm suppression
- Support IEEE802.3x flow control (full duplex)
- Support IEEE 802.1p. Cos protocol
- Support WR and SP queue scheduling algorithms

- Support port speed limit
- Support-10°C-50°C working environment
- Supports IPv4 and IPv6
- Support cloud management
- Support PoF, support PD

## Technical Parameter

Item	HSGQ-F881
User Interface	<p>1*GE RJ45</p> <p>1*2.5GE RJ45 PD</p> <p>2.4 GHz: 574Mbps, 5.8GHz: 2402Mbps</p>
PON	<p>GPON and EPON mode self-adaptation</p> <p>Interface mode: Optical-electric composition</p> <p>GPON: upstream 1.25Gbps /downstream 1.25Gbps</p> <p>Transmit optical power: 0~4dBm</p> <p>Optical Power: -7dBm~-28dBm</p>

EPON: upstream 1.25Gbps /downstream 1.25Gbps	
Transmit optical power: 0~4dBm	
Optical Power: -7dBm~-27dBm	
PoF Input voltage: 48V-57VPoF	
Transmission distance: 300m	
Ethernet	1*10/100/1000/2500M self-adaption
Size	Transmission distance:100m
Environment	188mm x 180mm x 43mm
	Operating temperature: -10°C~50°C
	Operating humidity: 0%~85% (non-conden)
	Storage temperature: -40°C~80°C
	Storage temperature: 5%~95% (non-cond)
Power Supply	PoF: 48V-52V, 0.25A
	DC: 12V/ 1.5A
Power Consumption	<12W

## **WiFi6 AX3000**

## **Ordering Information**

Product Model	Descriptions
HSGQ-F881	1*10/100/1000M Ethernet interface (RJ45)
	1*10/100/1000/2500M Ethernet interface PD (RJ45)
	2.4GHz: 574Mbps, 5.8GHz: 2402Mbps
	1 EPON & GPON adaptive interface

[Download HSGQ-F881 : Data sheet in PDF File](#)

Below mentioned are some of the relates products:

[HSGQ-AP302AC](#)

[HSGQ-X421AX](#)

[HSGQ X410DW ONU](#)

[HSGQ X200DW ONU](#)

[Faceplate ONU XPON HSGQ](#)

[HSGQ - F32F POF](#)