

**OPTICAL TERMINAL
NETWORK**



BY FIBER SYSTEM

PRODUCT MANUAL

HUAWEI EG8141A5 ROUTER WIFI PON GPON

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Product Overview

Huawei EG8141A5 FTTH is a routing-type ONT in Huawei's all-optical access solution. It uses GPON technology to implement ultra-broadband access for users.

The high forwarding performance ensures the user experience of voice, data, and HD video services, and provides customers with an ideal all-optical access solution and future-oriented service support capability.

Huawei EG8141A5 FTTH offers one GE port, one POTS port, three FE ports, and supports 2.4G Wi-Fi. The ONT features high-performance forwarding capabilities to ensure excellent experiences with VoIP, Internet, and HD video services. These features make the EG8141A5 a perfect choice for broadband access.

● Quick Details:

- Brand: Huawei
- Model Number: EG8141A5
- Product name: EG8141A5 Gpon onu
- Color: White
- Power: DC 12V

Main Characteristics



- Clase B +
- Sensibilidad del receptor: -27 dBm
- Sobrecarga de potencia óptica: -8 dBm
- Filtro de bloqueo de longitud de onda (WBF) de G.984.5

Puerto GPON



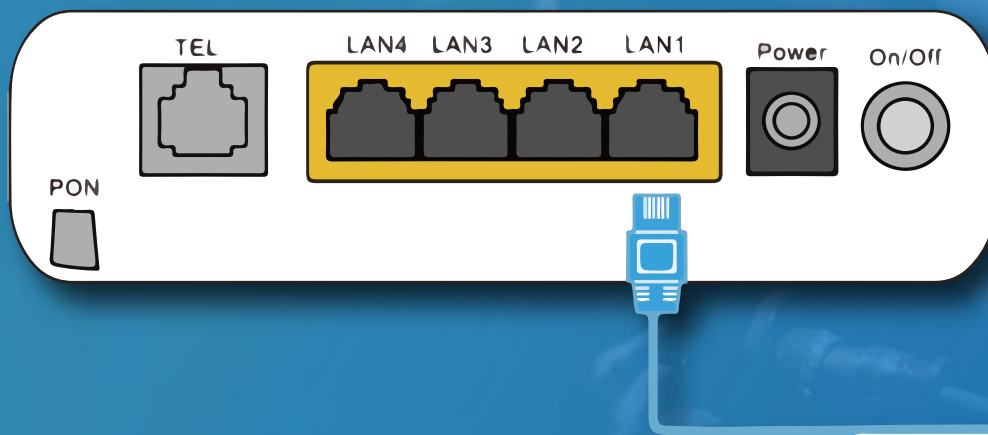
- Etiquetas VLAN basadas en puerto Ethernet y eliminación de etiquetas
- Límite en la cantidad de direcciones MAC aprendidas
- Aprendizaje de direcciones MAC

Puerto Ethernet

Technical Parameters

Dimensions (H x W x D)	30 mm x 152 mm x 105 mm (without an external antenna and pads)
Operating temperature	0°C to +40°C
Operating humidity	5% RH to 95% RH (non-condensing)
Power adapter input	100–240 V AC, 50/60 Hz
System power supply	11–14 V DC, 1 A
Static power consumption	3.1 W
Max power consumption	7.15 W
NNI	GPON
UNI	1POTS + 1GE + 3FE + 2.4G Wi-Fi
Optical Connector	SC/APC
Indicators	POWER/PON/LOS/LAN/TEL/WLAN/WPS
Installation mode	On the desk, or on the wall
Compliance certification	CE/Wi-Fi

Detailed Description



Packaging & Delivery

Packaging Details: Fixed by foamed plastic, packed in strong cardboard cartons by ropes.(export package) F

Port: Shanghai Ningbo



Packing case



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