

**OPTICAL TERMINAL
NETWORK**



BY FIBER SYSTEM

PRODUCT MANUAL

HUAWEI HG8546M



HUAWEI HG8546M



Product Overview

Huawei HG8546M FTTH is an Optical Terminal Unit with 1 GE+3 FE+1 POTS+1 USB+2.4G WiFi or 4 FE+1 POTS+1 USB+2.4G WiFi. This is a high-end home gateway in Huawei FTTH solution.

By using the GPON technology, ultra-broadband access is provided for home and SOHO users. It can support pure data, Data +Voice, Data+Voice+ WIFI and other service accessing type. HG8546M ONT supports standard OMCI, can provide up to 1.25Gbps uplink and 2.5Gbps downlink high-speed transfer rate. It can fully meet ISPs FTTB\FTTH\FTTO equipment needs The high-performance forwarding capability effectively guarantees the service experience of voice, data, and high-definition video .

Main Characteristics



- Class C+ +
- Receiver sensitivity: -27 dBm
- Overload optical power: -8 dBm
- Wavelengths: US 1310 nm, DS 1490 nm
- Wavelength blocking filter (WBF) of G.984.5
- Flexible mapping between GEM Port and TCONT
- Consistent with the SN or password authentication
- Defined in G.984.3
- Bi-directional FEC

- GPON- XPON
- Type B (single-homing & dual-homing)
- Ethernet port-based VLAN tags and tag removal
- 1:1 VLAN, N:1 VLAN, or VLAN transparent
- QinQ VLAN
- Limit on the number of learned MAC addresses
- MAC address learning

Technical Specifications

Brand	Huawei
Model	HG8546M
Power supply	12V,1.5A
Power consumption (full loaded)	≤15W
Outline dimensions (mm) (W*D*H)	240*160*35mm
Weight (in maximum configuration)	≤0.5kg
WIFI	Antenna 2×2, 5dBi external antenna EIRP Max 25dBm
VoIP	REN Max 5REN Connector 1x RJ11 Ringing 65V RMS ringing voltage
USB	Max 1A for each port
Environmental requirements	Working temperature : 0°C~50°C Storage temperature : -40°C~70°C Working humidity : 5%~90% Storage temperature : 5%~95% no condensing
Ethernet	Standard;IEEE802.3 IEEE802.3au IEEE802.3x Interface;1x 10/100/1000BASE-T+310/100Base-T RJ45 Auto negotiation Auto MDI/MDIX



CONTACTOS


 @szfibersystemcoltd

 @szfibersystemcoltd


 <http://szfibersystem.com/>

 sale@szfibersystem.com

Matriz (China):
Sala 201, Bloque A, Edificio Digital Garden City, 1079 Nanhai Avenue, Distrito Nanshan, Shenzhen, China

 +8618927463845
+8613714906306

Sucursal Ecuador:
Urbanización 6 de Diciembre, Pasaje San Blas OE6-49 y Princesa Toa, Quito, Ecuador

 +593984510113
+593983373961

Sucursal Perú:
Calle Huaman Poma de Ayala 349 y Av. Los Patriotas entre la quinta y sexta frente al parque Virgen de Guadalupe, San Miguel, Lima Perú.

 Fijo: +5115005857
Móvil : +51973644663