

**OPTICAL TERMINAL  
NETWORK**



**BY FIBER SYSTEM**

**PRODUCT MANUAL**

---

HUAWEI HS8546V5

# HUAWEI HS8546V5



# Product Overview

---

EchoLife HS8546V5 is a smart gateway device for gigabit fiber smart home solution built by Huawei for China Mobile. Provides 1 POTS voice interface, 4 GE / FE adaptive Ethernet ports and dual band Wi-Fi (2.4GHz & 5GHz), Flexible application, plug and play support, remote diagnosis, green power saving and other features.

HS8546V5 supports GPON and EPON technologies to realize ultra-broadband access for home users in FTTH network scenarios. Its high performance forwarding ability effectively ensures high definition voice, data and video service experience, and provides an ideal terminal solution and guidance for FTTH implementation. Future business support capabilities.

# Main Characteristics

---



- Flexible application: personal computer, STB and other home terminals can be arbitrarily interpolated into the Ethernet port; SIP and H.248 are compatible with both protocols, and it is convenient to interface with soft switches.

- Plug and Play: Supports remote automatic distribution of voice, broadband, and multicast services via OMCI and TR069 protocol, without on-site configuration.

- Remote Diagnosis: Support POTS port line test, call simulation, PPPoE dial-up simulation, easy remote fault location.

- Green energy saving: Adopts high integrated SOC chip, and integrates PON, voice, gateway modules and LSW in a single chip, saving 25% energy.

- Interface type: 1POTS + 4GE + 1USB + dual band (2.4GHz & 5GHz) Wifi.

# Technical Specifications

---

<b>Brand</b>	Huawei
<b>Model</b>	HS8546V5
<b>Work environment</b>	Operating temperature: 0°C to 40°C Ambient humidity: 5% to 95% (non-condensing)
<b>Typical power consumption</b>	8 W
<b>Power specs</b>	Power adapter input: 100 to 240 VAC, 50–60 Hz System power supply: 11–14 VDC, 2 A
<b>Wlan</b>	2.4GHZ: 802.11N 5GHZ: 802.11CA
<b>Network side port</b>	GPON
<b>User-side ports</b>	1 x CAN + 4 x GE + 2.4Wi-Fi G / 5G + 1 x USB
<b>Indicators</b>	POWER / PON / LOS / TEL / LAN / WLAN / WPS / USB
<b>Dimensions (Length X Width x Height)</b>	173mm x 120mm x 30mm
<b>Weight</b>	About 1 Kg



# CONTACTOS


 @szfibersystemcoltd

 @szfibersystemcoltd


 <http://szfibersystem.com/>

 [sale@szfibersystem.com](mailto:sale@szfibersystem.com)

**Matriz (China):**  
Sala 201, Bloque A, Edificio Digital  
Garden City, 1079 Nanhai Avenue, Distri-  
to Nanshan, Shenzhen, China

 +8618927463845  
+8613714906306

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

 +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