

Overview

The Huawei EchoLife EG8045H is an routing-type ONT used in the Huawei all-optical access solution. It uses GPON technology to provide ultra-broadband access for users.

It provides 4 GE Ethernet ports, 1 USB port and 1 2.4G WiFi port. High-performance forwarding provides Internet and HD video services, and provides users with ideal terminal solutions and future-oriented service support capabilities.

Quick Specification

Table 1 shows the Quick Specification.

Model	EchoLife EG8045H
Dimensions (W x D x H)	176 mm x 138.5 mm x 28 mm (without an external antenna)
Weight	About 260 g
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	6.5 W
Maximum Power Consumption	10.5 W
Ports	4GE + Wi-Fi + USB
Indicators	POWER/PON/LOS/LAN/USB/WLAN/WPS

Figure 1 shows the appearance of EchoLife EG8045H.





Product Details

Port Parameters

GPON Port	<ul style="list-style-type: none"> • Class B+ • Receiver sensitivity: -27dBm • Wavelengths: US 1310nm, DS 1490nm • Wavelength blocking filter (WBF) • Flexible mapping between GEM Port and TCONT • GPON: consistent with the SN or password authentication defined in G.984.3 • Bi-directional FEC • SR-DBA and NSR-DBA
Ethernet Port	<ul style="list-style-type: none"> • Ethernet port-based VLAN tags and tag removal • 1:1 VLAN, N:1 VLAN, or VLAN transparent transmission • QinQ VLAN • Limit on the number of learned MAC addresses • MAC address learning
USB Port	<ul style="list-style-type: none"> • USB2.0 • FTP-based network storage
WLAN	<ul style="list-style-type: none"> • IEEE 802.11b/g/n • 2 x 2 MIMO • Antenna gain: 5 dBi • WMM • Multiple SSIDs • WPS • Air interface rate: 300 Mbps

Function List

Smart Interconnection	<ul style="list-style-type: none"> • Smart Wi-Fi coverage • Any port any service • Parental control • L2/L3(IPv4) forwarding: 1G uplink, 2G
Smart O&M	<ul style="list-style-type: none"> • IPTV video quality diagnosis • Variable-length OMCI messages • Active/Passive rogue ONT • detection and isolation • PPPoE/DHCP simulation testing • WLAN emulation
Smart Service	<ul style="list-style-type: none"> • Smart Wi-Fi sharing: 802.1x authentication • Portal SoftGRE-based sharing





Power Saving	<ul style="list-style-type: none"> • Indicator power saving • Scheduled Wi-Fi shutdown • COCv4
QoS	<ul style="list-style-type: none"> • Ethernet port rate limitation • 802.1p priority • SP/WRR/SP+WRR • Broadcast packet rate limitation
Security	<ul style="list-style-type: none"> • SPI firewall • Anti-DoS attack • Filtering based on MAC/IP/URL addresses
Layer 3 Features	<ul style="list-style-type: none"> • PPPoE/Static IP/DHCP • NAT/NAPT • Port forwarding • ALG, UPnP • DDNS/DNS server/DNS client • IPv6/IPv4 dual stack, and DS-Lite • Static/Default routes • Multiple services on one WAN port
Multicast	<ul style="list-style-type: none"> • IGMP v2/v3 snooping • IGMP v2/v3 proxy • MLD v1/v2 snooping
Common O&M	<ul style="list-style-type: none"> • OMCI/Web UI/TR069 • Dual-system software backup and rollback

Get More Information

Do you have any question about the EchoLife EG8045H?

Contact us now via info@hi-network.com.

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Maximum Power Consumption	10.5 W
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