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Overview

The Huawei EchoLife EG8240H is a bridging-type ONT used in the Huawei all-optical access solution. It implements ultra-broadband access through the GPON technology.

It provides 4 GE ports and 2 POTS ports. The high-performance forwarding capability ensures the service experience of voice, data, 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 EG8240H
Dimensions (W x D x H)	176 mm x 138.5 mm x 28 mm
Weight	About 240 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, 2 A
Static Power Consumption	4 W
Maximum Power Consumption	7.8W
Ports	4GE + 2POTS
Indicators	POWER/PON/LOS/LAN/TEL

Figure 1 shows the appearance of EchoLife EG8240H.



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EchoLife EG8240H Datasheet

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Product Details

Port Parameters

	• Class B+
GPON Port	• Receiver sensitivity: -27dBm
	• Wavelengths: US 1310 nm, DS 1490 nm
	• 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	• 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
	• Local switching/isolation based onEthernet ports
	• Transparent transmission of IPv6 packets at Layer 2
POTS Port	• Maximum REN: 4
	• G.711A/µ, G.729a/b, and G.722 encoding/decoding
	• T.30/T.38/G.711 fax mode
	• DTMF
	• Emergency calls (with the SIP protocol)

Function List

Smart Service	 Association of one account with two POTS ports L2 forwarding: 1G uplink, 2G downlink
Smart Interconnection	• SIP/H.248 auto-negotiation
QoS	 Ethernet port rate limitation 802.1p priority SP/WRR/SP+WRR Broadcast packet rate limitation Flow mapping based on the VLAN ID, port ID, or/and 802.1p
Security	• MAC address filtering
Power Saving	 Indicator power saving Power consumption reduction of idle components in power-saving state CoC v5
Smart O&M	Variable-length OMCI messages

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	Active/Passive rogue ONT detection and isolation
	• PPPoE/DHCP simulation testing
	• Call emulation, and circuit test and loop-line test
	• OMCI/Web UI
	• Dual-system software backup and rollback
Common O&M	• 802.1 ag Ethernet OAM
	• Optical link measurement and diagnosis
	• Loopback check
Multicast	• IGMP v2/v3 snooping
	• MLD v1/v2 snooping
	• Fast leave
	• VLAN tag translation, transparent transmission, and removal for downstream multicast packets
	IGMP/MLD protocol packet rate limitation

Get More Information

Do you have any question about the EchoLife EG8240H?

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

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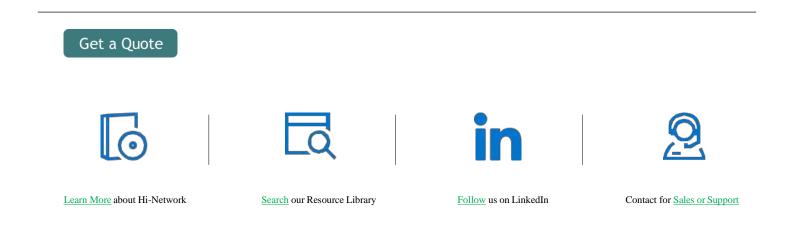
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