

Overview

Bridging-type ONT, 2GE+1POTS, support QoS, Security, Power Saving, Multicast, VOIP and Smart O&M.

Quick Specification

Table 1 shows the Quick Specification.

Model	EchoLife HG8120H
Dimensions (H x W x D)	135 mm x 115 mm x 27 mm
Weight	< 500 g
Operating Temperature	0°C to 40°C
Operating Humidity	5%–95% RH, non-condensing
Rated Input Range of Power Adapter	100–240 V AC, 50/60 Hz
System Power Supply	11–14 V DC, 1 A
Static Power Consumption	4 W
Maximum Power Consumption	5.5 W
Network-side Port	GPON
User-side Port	1POTS+1GE+1FE
Indicator	POWER/PON/LOS/LAN/TEL

Figure 1 shows the appearance of EchoLife HG8120H.





Product Details

Interface Parameters

GPON Port	<ul style="list-style-type: none"> • Class B+ • 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	<ul style="list-style-type: none"> • 1:1 VLAN, N:1 VLAN, or VLAN transparent transmission • QinQ VLAN • Limit on the number of learned MAC addresses • MAC address learning
POTS Port	<ul style="list-style-type: none"> • 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)

Product Functions

Smart O&M	<ul style="list-style-type: none"> • IPTV video quality diagnosis (V300R015C10) • Variable-length OMCI messages • Active/Passive rogue ONT detection and isolation • PPPoE/DHCP simulation testing • Call emulation, and circuit test and loop-line test
QoS	<ul style="list-style-type: none"> • Ethernet port rate limitation • 802.1p priority • SP/WRR/SP+WRR • Broadcast packet rate limitation
Power Saving	<ul style="list-style-type: none"> • Dynamic power saving • Indicator power saving • COCv4
Smart Interconnection	<ul style="list-style-type: none"> • SIP/H.248 auto-negotiation • Any port any service • Parental control
Security	<ul style="list-style-type: none"> • SPI firewall • Anti-DoS attack





	<ul style="list-style-type: none"> • Filtering based on MAC/IP/URL Addresses
Common O&M	<ul style="list-style-type: none"> • OMCI/Web UI/TR069 • Dual-system software backup and rollback
Multicast	<ul style="list-style-type: none"> • IGMP v2/v3 snooping • IGMP v2/v3 proxy • MLD v1/v2 snooping

Get More Information

Do you have any question about the EchoLife HG8120H?

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

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	<ul style="list-style-type: none">• MAC address learning
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