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Overview

P2P ONT，4GE，support QoS、Security、Power Saving、Multicast and Smart O&M.

Quick Specification

Table 1 shows the Quick Specification.

Model	EchoLife HG8040P
Dimensions (D x W x H)	134 x 114 x 27 (mm) 211 x 115 x 41 (mm) (with fiber tray)
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	12V DC, 0.5 A
Static power consumption	3.8 W
Maximum power consumption	5.8 W
Ports	4GE
Indicators	EXT/LAN/WAN/OPTICAL/POWER

Figure 1 shows the appearance of EchoLife HG8040P.

Product Details

Interface Parameters

Optical Interface	● Standard optical interfaces ● Maximum reach:20km ● Comply with SFF-8472 ● Wavelengths: US 1310 nm, DS 1490 nm ● Minimum receiver sensitivity: -23.5dBm ● Maximum overload optical power: -6dBm
WAN Interface	● 1000 Base-X SFP ● 10/100 Base-T Ethernet port (with an RJ-45 connector)
LAN Interface	● Four 10/100/1000 BASE-T Ethernet ports (each with an RJ-45 connector), complying with IEEE 802.3u/802.3x ● Automatic MDI/MDIX and speed sensing ● EXT1 10/100 BASE-T port (with an RJ-45 connector) ● Automatic MDI/MDI-X and speed sensing

Product Functions

Layer 2 features	● Ethernet port-based VLAN tags and tag removal ● Unicast packet forwarding by MAC address+VLAN ● MAC address learning and aging ● BPDU transparent transmission by default
Layer 3 features	● Static IP address configuration for route WAN interfaces ● PPPoE clients and IP address obtaining for route WAN interfaces through PPPoE ● DHCP clients and IP address obtaining for route WAN interfaces through DHCP ● DHCP client with options for auto configuration and upgrade ● Specify 802.1p for route WAN interfaces ● Copy IPTOS to 802.1p for route WAN interfaces
Multicast	● Fast leaving ● IGMP V2&V3 snooping ● Packet filtering and forwarding by VLAN+multicast MAC address ● Up to 255 multicast groups ● Limitation on the rate of IGMP messages ● MLDv1 messages in Query, Report, and Done states ● MLDv2 messages in Query and Report states ● MLD snooping in IPv6 L2 transparent transmission
802.1ag	● Comply with the IEEE 802.1ag protocol/CFM ● CC, LB, and LT functions ● Alarm status and log recording for errors detected by CC ● Transparent transmission of CFM high-level messages in upstream and downstream directions (VLAN translation

	rules are the same as those of common data packets.)
QoS	Queue scheduling: ● Eight SP queues
Security	● Anti-DoS attack ● MAC address filtering ● WAN-side ONT access based on IP address filtering
Y.1731	● Single-ended ETH-LM (as the receiving MEP) ● Two-way ETH-DM (as the receiving MEP)

Get More Information

Do you have any question about the EchoLife HG8040P?

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

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