Get a Quote

Overview

The Huawei EchoLife EG8040P is an Optical Network Terminal (ONT) used in Huawei's AgilePOL solution. By using GPON technology, ultra-broadband access is provided for enterprise campuses.

It provides 4 GE ports that support PoE functions. The high forwarding performance ensures the user experience of VOIP, internet and HD video services, and provides customers with an ideal all-optical access solution and future-oriented service support capability.

Quick Specification

Table 1 shows the Quick Specification.

Model	EchoLife EG8040P
Dimensions (H x W x D)	42 mm x 254 mm x 140 mm
Operating Temperature	-40°C to 55°C
Operating Humidity	5% RH to 95% RH (non-condensing)
Power Adapter Input	90V to 264V AC, 50 Hz/60 Hz
System Power Supply	56V DC, 1.42A
Network-side Ports	GPON
User-side Ports	4 x GE (PoE) + 2 x POTS
Indicators	POWER/PON/LOS/LAN/TEL
Maximum PoE Output Power	Gross power 60W (up to 30W for one GE port)

Figure 1 shows the appearance of EchoLife EG8040P.

Product Details

Port Parameters

GPON Port

- SFF optical module, SC/UPC connector
- ITU-T G.984.2 CLASS B+
- Upstream data rate 1.244Gbit/s，1310nm optic
- Downstream data rate 2.488Gbit/s，1490nm optic
- Bi-directional FEC (Forward Error Correction)
- Type B single-homing
- Type B dual-homing (supported in Layer 2 forwarding)

Ethernet Electrical Port

- PoE and PoE+, complying with IEEE 802.3af and IEEE 802.3at
- RJ-45 connector
- Auto ports speed (10/100/1000 Mbit/s)
- Auto-MDI/MDIX
- Configuration of the number of MAC addresses learned
- VLAN transparent transmission/ VLAN filtering
- QinQ VLAN

Product Function

Automatic Service Provisioning

- Authentication exemption
- XML/OMCI/TR069

Smart O&M

- XML/Web UI
- Rogue ONT detection
- Ring network detection
- PPPoE /DHCP emulation testing
- Y.1731

Layer 3 Features

- Default/Static/Policy/Service routes

● VLAN binding

● ALG/UPnP/ARP

● DDNS/DMZ/DNS/NAPT

● PPPoE/Static IP/DHCP/DHCP Option66

● Port mapping/Port trigger

Layer 2 Management

● DHCP Option82

● PITP

● BPDU transparent transmission

● LLDP/LLDP-MED

Multicast

● IGMP v2/v3 snooping

● Dynamic controllable multicast

● IGMP proxy

● MLDv1/MLDv2 snooping

QoS

● Ethernet port rate limitation

● 802.1p priority

● SP/WRR/SP+WRR

Security

● Filtering based on MAC/IP/URL

● DoS/ARP anti-attacks

● Session number restriction

● Device access control

● 802.1x

● Static MAC address binding

Get More Information

Do you have any question about the EchoLife EG8040P?

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

Specification

EchoLife EG8040P Specification	
Dimensions (H × W × D)	42mm × 254mm × 140mm
Operating temperature	-40℃ to +55℃
Operating humidity	5%RH to 95%RH, non-condensing
Power adapter input	100V to 240V AC, 50Hz/60Hz
System power supply	56V DC, 1.42A
UNI	4*GE (PoE)
NNI	GPON
Static power consumption	4W
Typical power consumption	6W (PoE port without PD)
Maximum power consumption	8W (PoE port without PD) 71W (PoE port with PD having the maximum power consumption)
Maximum PoE output power	Gross power 60W (up to 30 W for one GE port)
Surge protection specifications	GE port: common mode 4 kV; differential mode 0.5 kV. AC power supply: common mode 6 kV; differential mode 6 kV.
GPON Port	● SFF optical module, SC/UPC connector ● ITU-T G.984.2 CLASS B+ ● Upstream data rate 1.244Gbit/s，1310nm optic ● Downstream data rate 2.488Gbit/s，1490nm optic ● Bi-directional FEC (Forward Error Correction)
Ethernet Electrical Port	● PoE and PoE+, complying with IEEE 802.3af and IEEE 802.3at ● RJ-45 connector ● Auto ports speed (10/100/1000 Mbit/s) ● Auto-MDI/MDIX ● Configuration of the number of MAC addresses learned ● VLAN transparent transmission/ VLAN filtering ● QinQ VLAN

Want to Buy

Get a Quote

Learn More about Hi-Network   Search our Resource Library   Follow us on LinkedIn   Contact for Sales or Support

Contact HI-NETWORK.COM For Global Fast Shipping

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223