Overview

The Huawei EchoLife HG8245D is an intelligent routing-type ONT in the Huawei all-optical access solution. It uses the GPON technology to implement ultra-broadband access for users.

It provides 2POTS + 4GE + 2.4G/5G Wi-Fi + 1USB (2 POTS ports, 4 GE ports, 1 2.4G WiFi port and 1 5G WiFi port, 1 USB port). The high forwarding performance ensures the user experience of voice, data 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 HG8245D
Dimensions (L x W x H)	235 mm x 195 mm x 30 mm
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	12 W
Maximum Power Consumption	21 W
NNI	GPON
UNI	2POTS+4GE+2.4G/5G Wi-Fi+1USB

Figure 1 shows the appearance of EchoLife HG8245D.

Product Details

Port Parameters

GPON Port	● 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	● 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
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)
USB Port	● USB2.0 ● FTP-based network storage ● File/Print sharing based on SAMBA ● DLNA DMS/UPnP AV (media server)
WLAN	● IEEE 802.11 b/g/n(2.4G) ● IEEE 802.11 a/n(5G) ● 3 × 3 MIMO ● Antenna gain: 2 dBi ● WMM ● Multiple SSIDs ● WPS ● 2.4G/5G concurrent

Function List

Smart Interconnection	● Smart Wi-Fi coverage (V300R015C10) ● SIP/H.248 auto-negotiation ● Any port, any service ● Parental control (V300R015C00)

	● L2/L3 forwarding: 1G uplink, 2G downlink
Smart Service	● Smart Wi-Fi sharing: Portal/802.1x authentication (V300R015C10) SoftGRE-based sharing (V300R015C10) ● Association of one account with two POTS ports
Smart O&M	● IPTV video quality diagnosis (V300R015C10) ● Variable-length OMCI messages ● Active/Passive rogue ONT detection and isolation ● Call emulation, and circuit test and loop-line test
Layer 3 Features	● PPPoE/DHCP simulation testing ● WLAN emulation ● 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	● IGMP v2/v3 proxy(V300R015C00)/snooping ● MLD v1/v2 snooping ● Multicast services through Wi-Fi
QoS	● Ethernet port rate limitation ● 802.1p priority ● SP/WRR/SP+WRR ● Broadcast packet rate limitation
Security	● SPI firewall ● Filtering based on MAC/IP/URL addresses
Common O&M	● OMCI/Web UI/TR069 ● Dual-system software backup and rollback
Power Saving	● Dynamic power saving ● Indicator power saving ● Scheduled Wi-Fi shutdown (V300R015C00)

Get More Information

Do you have any question about the EchoLife HG8245D?

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

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Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223