

Overview

The Huawei EchoLife HG8045A is a bridging-type gpon ont. HG8245A gpon terminal 4 FE ports and Wi-Fi port. The high-performance forwarding capability ensures the service experience of 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 HG8045A
Dimensions (W x D x H)	176 mm × 138 mm × 28 mm (without an external antenna)
Weight	< 500 g
Operating Temperature	0°C to +40°C
Operating Humidity	5% to 95% RH (non-condensing)
Power Adapter Input	100-240V AC, 50/60 Hz
System Power Supply	11-14 V DC, 1 A
Static Power Consumption	5 W
Maximum Power Consumption	7 W
Ports	4FE+Wi-Fi
Indicators	POWER/PON/LOS/LAN/WLAN/WPS

Figure 1 shows the appearance of EchoLife HG8045A.



Product Details

Interface Parameters

GPON Port	<ul style="list-style-type: none"> • Class B+ • Receiver sensitivity: -27dBm • Wavelengths: US 1310nm, DS 1490nm • 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"> • 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
WLAN	<ul style="list-style-type: none"> • IEEE 802.11 b/g/n • 2 x 2 MIMO • Antenna gain: 5 dBi • WMM • Multiple SSIDs • WPS • Air interface rate: 300 Mbps

Product Function

Smart Interconnection	<ul style="list-style-type: none"> • Smart Wi-Fi coverage (V300R015C10) • Any port any service • Parental control (V300R015C00)
Smart Service	<ul style="list-style-type: none"> • Smart Wi-Fi sharing: 802.1x authentication (V300R015C10)/ Portal; SoftGRE-based sharing (V300R015C10)
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 • WLAN emulation
Layer 3 Features	<ul style="list-style-type: none"> • PPPoE/Static IP/DHCP • NAT/NAPT • Port forwarding • ALG, UPnP



	<ul style="list-style-type: none"> • DDNS/DNS server/DNS client • IPv6/IPv4 dual stack, and DS-Lite • Static/Default routes • Multiple services on one WAN port
Multicast	<ul style="list-style-type: none"> • IGMP v2/v3 snooping • IGMP v2 proxy • IGMP v3 proxy (V300R015C00) • MLD v1/v2 snooping • Multicast services through Wi-Fi
QoS	<ul style="list-style-type: none"> • Ethernet port rate limitation • 802.1p priority • SP/WRR/SP+WRR • Broadcast packet rate limitation
Security	<ul style="list-style-type: none"> • SPI firewall • Anti-DoS attack • 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
Power Saving	<ul style="list-style-type: none"> • Dynamic power saving • Indicator power saving • Scheduled Wi-Fi shutdown • COCv4

Get More Information

Do you have any question about the EchoLife HG8045A?

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Specification

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