

EchoLife EG8145V5 Datasheet

EchoLife EG8145V5, an intelligent routing-type ONT

Overview



Device Parameters

Dimensions (H x W x D) (without external antenna and pads)	30 mm x 173 mm x 120 mm (without external antenna and pads)	System power supply	11–14 V DC, 1.5A
Weight	About 250 g	Static power consumption	5.3 W
Operating temperature	0°C to 40°C	Maximum power consumption	18 W
Operating humidity	5% RH to 95% RH (non-condensing)	NNI	GPON
Power adapter input	100–240 V AC, 50/60 Hz	UNI	1POTS + 4GE + 2.4G/5G Wi-Fi+ 1USB
Indicators	Power/PON/LOS/LAN/TEL/USB/WLAN/WPS	Optical Connector	SC/APC
Installation mode	Desktop or wall mounting		

Interface Parameters

GPON port <ul style="list-style-type: none"> Class B+ Receiver sensitivity: -27dBm ~ -29dBm Overload optical power: -8 dBm Wavelengths: US 1310nm, DS 1490nm Wavelength blocking filter (WBF) of G.984.5 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 Type B (single-homing&dual-homing) 	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)
	USB port <ul style="list-style-type: none"> USB2.0 FTP-based network storage File/Print sharing based on SAMBA DLNA function
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 Auto-adaptive 10 Mbit/s, 100 Mbit/s or 1000 Mbit/s 	WLAN <ul style="list-style-type: none"> IEEE 802.11 b/g/n (2.4G) IEEE 802.11 a/n/ac (5G) 2 × 2 MIMO (2.4G&5G) Antenna gain: 5 dBi WMM/Multiple SSIDs/WPS 2.4G&5G concurrent Air interface rate:300 Mbit/s (2.4G); 867 Mbit/s(5G)

Product Function


Smart interconnection <ul style="list-style-type: none"> Smart Wi-Fi coverage SIP/H.248 auto-negotiation Any port any service Parental control 	Smart O&M <ul style="list-style-type: none"> IPTV video quality diagnosis eMDI Rogue ONT detection and isolation from the OLT Call emulation, and circuit test and loop-line test 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 DDNS/DNS server/DNS client IPv6/IPv4 dual stack, DS-Lite and IPv6 SPI Static/Default routes Multiple services on one WAN port 	Security <ul style="list-style-type: none"> SPI firewall Filtering based on MAC/IP/URL addresses
			Common O&M <ul style="list-style-type: none"> OMCI/Web UI/TR069 Variable-length OMCI messages Dual-system software backup and rollback
Multicast <ul style="list-style-type: none"> IGMP v2/v3 proxy/snooping MLD v1/v2 snooping 	Smart service <ul style="list-style-type: none"> Scheduled Wi-Fi shutdown Smart Wi-Fi sharing: Portal/802.1x authentication SoftGRE-based sharing 	QoS <ul style="list-style-type: none"> Ethernet port rate limitation 802.1p priority SP/WRR/SP+WRR Broadcast packet rate 	MTU & Jumbo Frame <ul style="list-style-type: none"> MTU: maximum support 2000 Jumbo frame: maximum support 9600
Power saving			NOTE

<ul style="list-style-type: none"> Indicator power saving COC V5 		limitation	The configurations of the MTU and jumbo frames vary according to the market. The actual configurations prevail.
--	--	------------	---

Copyright © Huawei Technologies Co., Ltd. 2022. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

Trademarks and Permissions

 HUAWEI and other Huawei trademarks are trademarks of Huawei Technologies Co., Ltd.

All other trademarks and trade names mentioned in this document are the property of their respective holders.

Notice

The purchased products, services and features are stipulated by the contract made between Huawei and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base Bantian,
Longgang Shenzhen 518129 People's
Republic of China

Website: <http://www.huawei.com>