

Overview

Huawei HG8245Q, an intelligent routing-type ONT.

Product Details

Huawei HG8245Q provides these features:

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/ac (5G)
- 3 × 3 MIMO
- Antenna gain: 2 dBi
- WMM
- Multiple SSIDs
- WPS
- 2.4G/5G concurrent
- Air interface rate: 450 Mbps (2.4G); 1300 Mbps (5G)

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
- PPPoE/DHCP simulation testing
- WLAN emulation

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 HG8245Q?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

HG8245Q Specification	
Dimensions (H x W x D)	285 mm x 174 mm x 70 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, 3 A
Static power consumption	6.5 W
Maximum power consumption	26 W
Ports	2POTS + 4GE + 2.4G/5G Wi-Fi+ 2USB

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