HG8247H Datasheet

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Overview

Huawei HG8247H, an intelligent routing-type ONT.

Product Details

Huawei HG8247H 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

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

CATV Port

• Bandwidth 54-870 MHz

• Output resistance 75 ohms

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

WLAN

• IEEE 802.11 b/g/n

• 2 x 2 MIMO

• Antenna gain: 2 dBi

• WMM

• Multiple SSIDs

• WPS

• Air interface rate: 300 Mbps

Smart interconnection

• Smart Wi-Fi coverage (V300R015C10)

• SIP/H.248 auto-negotiation

• Any port any service

• Parental control (V300R015C10)

• L2/L3(IPv4) 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

• 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

• Indicator power saving

• Scheduled Wi-Fi shutdown (V300R015C00)

Get More Information

Do you have any question about the HG8247H?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

HG8247H Specification	
Dimensions (L x W x H)	220 mm x 160 mm x 32 mm (without an external antenna)
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	7.5 W
Maximum power consumption	18 W
Ports	2POTS + 4GE + CATV + Wi-Fi + USB
Indicators	POWER/PON/LOS/LAN/TEL/USB/WLAN/WPS/CATV

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