



HG323RGWT Product Introduction

Version V1.3

Release Date 2017-02-21

Product Overview

Product		Type
GPON HGU	HG323RGWT	1GPON+1GE+1FE+1POTS+WiFi+CATV

Product model	Product shows
HG323RGWT	

Technical Specifications

- Power adapter input: 220V AC, 50HZ
- System power supply: See the nameplate on the device
- Ambient temperature: -5 ~ +55°C Ambient humidity: 10% ~ 90%(non-condensing)
- Store temperature: -30 ~ +60°C Store humidity: 10% ~ 90%(non-condensing)
- For other technical specifications, see the following table:

Model	Dimension (L x W x H)	Power	Power Consumption	Weight (No Power Adapter)
HG323RGWT	185mm×120mm×32mm	12V,1.5A	≤10W	About 300g

GPON HGU

Parameter Name	Hardware Parameter
	HG323RGWT

Main chip	Realtek
CPU	600MHz
Memory	64M bytes DDR3
Flash	16M SPI
PON Port Type	BOSA
PON	GPON, SC single-moder, Upstream 1.25Gbps, Downstream 2.5Gbps.
	single-fiber double-fiber
Wavelength	Tx 1310nm, Rx 1490nm CATV 1550nm
Sensitivity	<-27dBm(CLASS B+)
Overload	>-8dBm(CLASS B+)
Optical Type	SC/PC
Interface Type	2*10/100Mbps or 1*10/100Mbps and 1*10/100/1000Mbps Auto adaptive Ethernet interfaces, Full/Half Duplex, RJ45 connector 1POTS, RJ11 connector
Sensitivity	<-27dBm(PX20+)
Overload	> -3dBm(PX20+)
Optical Type	SC/APC
LAN interface	2*10/100Mbps or 1*10/100Mbps and 1*10/100/1000Mbps Auto adaptive Ethernet interfaces, Full/Half Duplex, RJ45 connector 1POTS, RJ11 connector
Wireless	IEEE802.11b/g/n, 300Mbps, 2T2R
CATV	1 CATV F Connector

Parameter Name	Hardware Parameter
	HG323RGWT
Internet connection	Bridge / Routing
LAN	Support Port rate limiting Support Loop detection
VLAN	Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode Support VLAN 1:1 translation mode Support VLAN QinQ mode
Multicast	Support IGMPv1/v2/v3 Support IGMP Proxy and MLD Proxy Support IGMP Snooping and MLD Snooping
QoS	Support 4 queues Support SP and WRR

	<p>Support 802.1P</p> <p>Support DSCP</p>
L3	<p>Support IPv4、 IPv6 and IPv4/IPv6 dual stack</p> <p>Support DHCP/PPPOE/Statics</p> <p>Support Static route</p> <p>Support DHCP Server</p> <p>Support NAT</p> <p>Support Bridge, Route ,Route and Bridge mixed mode</p> <p>Support DMZ</p> <p>Support Virtual Server</p>
Security	<p>Support Firewall</p> <p>Support Mac filter</p> <p>Support ACL</p> <p>Support URL filter</p>
VoIP	<p>Support SIP protocol</p> <p>Support Voice coding: ITU-T G.711/G.723/G.726/G.729, auto-negotiate with call agent</p> <p>Support Echo cancellation exceeding ITU-T G.165/G.168-2002, up to 128ms tail length</p> <p>Support high/low speed fax/Modem, bypass fax, and T38 fax</p> <p>Support InBand / RFC2833/SIP INFO, MD5 authentication, call forward, call waiting, hot-line call, and all kinds of value-added voice service. Multi-party conferencing</p> <p>Support Line testing according to GR-909</p>
Wireless	<p>Support 802.11b/g/n and Mixed mode</p> <p>Support 4 SSID</p> <p>Support No-auth、 WEP、 WPA-PSK and WPA2-PSK function with AES、 TKIP encryption</p>
CATV	<p>RF Video Output Bandwidth (MHz): 45 ~ 875</p> <p>RF Output Level(dBuv):80</p> <p>AGC Dynamic Range (dBm) :-6~+2</p>
Management	<p>Support ITUT984.x OMCI</p> <p>Support WEB</p> <p>Support CLI</p> <p>Support TR069</p>