




HG323RGW Product Introduction

Version V1.3.2

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Product Overview

Model	Type	Main chip
HG323RGW	1GPON+1GE+1FE+1POTS+WiFi	Realtek
 <p>The image shows the Inotech HG323RGW router, a white and blue device with two white antennas. The front panel features a blue Ethernet port, a grey POTS port, a yellow Ethernet port, and a power jack. The Inotech logo is prominently displayed on the top surface.</p>		

Technical Specifications

Parameter Name	Hardware Parameter
PON	GPON, SC single-mode/single-fiber, Upstream 1.25Gbps, Downstream 2.5Gbps.
PON Port Type	BOSA
Wavelength	Tx 1310nm, Rx 1490nm
Sensitivity	<-27dBm(PX20+)
Overload	> -3dBm(PX20+)
Optical Type	SC/PC
LAN Interface	1*10/100/1000Mbps + 1*10/100Mbps + Auto adaptive Ethernet interfaces, Full/Half Duplex, RJ45 connector
POTS Interface	1POTS, RJ11 connector
Indicators	8, For POWER、LOS、REG、GE、FE、FXS、CATV、WiFi
Power adapter input	220V AC, 50HZ
Ambient temperature	-20 ~ +55°C
Ambient humidity	10% ~ 90%(non-condensing)
Store temperature	-30 ~ +60°C
Store humidity	10% ~ 90%(non-condensing)

Dimension (L x W x H)	185mm×122mm×33mm
Power	12V, 1.5A
Power Consumption	≤10W
Weight (No Power Adapter)	About 300g

Functions

Function	Parameter
Internet connection	Bridge / Routing
LAN	Support Port rate limiting Support Loop detection Support Flow control Support Storm control
VLAN	Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode Support VLAN translation mode Support VLAN QinQ mode
Multicast	Support IGMPv1/v2/v3 Support IGMP Proxy and MLD Proxy Support IGMP Snooping and MLD Snooping
L3	Support IPv4、IPv6 and IPv4/IPv6 dual stack Support WAN DHCP/PPPOE/Static IP Support Static Route Support NAT Support Port forwarding Support DHCP server
Security	Support Firewall Support Mac filter Support ACL Support URL filter
QoS	Support 4 queues Support SP and WRR Support 802.1P Support DSCP
Wireless	Support 802.11b/g/n and Mixed mode Support No-auth、WEP、WPA-PSK and WPA2-PSK function with AES、TKIP encryption

VoIP	<p>Support SIP protocol</p> <p>Support Voice coding: ITU-T G.711/G.723/G.726/G.729</p> <p>Support Echo cancellation</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.</p> <p>Multi-party conferencing</p> <p>Support Line testing according to GR-909</p>
Management	<p>Support ITUT984.x OMCI</p> <p>Support WEB</p> <p>Support Telnet</p> <p>Support TR069</p>