Inotech

Inotech HG323 Series Product Introduction

Product		Type
EPON HGU	HG323UEG	1EPON+1GE+1FE+1POTS
	HG323EW	1EPON+2GE+1POTS+WiFi
	HG323REW	1EPON+1GE+1FE+1POTS+WiFi
	HG323REWT	1EPON+1GE+1FE+1POTS+WiFi+CATV
GPON HGU	HG323UGG	1GPON+1GE+1FE+1POTS
	HG323GW	1GPON+2GE+1POTS+WiFi
	HG323RGW	1GPON+1GE+1FE+1POTS+WiFi
	HG323RGWT	1GPON+1GE+1FE+1POTS+WiFi+CATV

Product Overview

Product model	Product shows
HG323REWT	
HG323RGWT	
HG323EW	
HG323GW	
HG323REW	

HG323RGW	
HG323UEG	
HG323UGG	

Technical Specifications

- Power adapter input：220V AC，50HZ

- System power supply: See the nameplate on the device

- Ambient temperature：-5～+55℃Ambient humidity：10%～90%(non-condensing)

- Store temperature：-30～+60℃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）
HG323UEG		12V,1A	≤9W	About 240g
HG323UGG		12V,1A	≤9W	About 240g
HG323EW		12V,1A	≤9W	About 280g
HG323GW	185mm×120mm×32mm	12V,1A	≤9W	About 280g
HG323REW		12V,1A	≤9W	About 280g
HG323RGW		12V,1A	≤9W	About 280g
HG323REWT		12V,1.5A	≤10W	About 300g
HG323RGWT		12V,1.5A	≤10W	About 300g

EPON HGU

Parameter Name	Hardware Parameter			
	HG323UEG	HG323EW	HG323REW	HG323REWT
Main chip	Broadcom		Realtek	
CPU	400MHz		600MHz	
Memory	128M bytes DDR3		64M bytes DDR3	
Flash	128M NAND		16M SPI	

PON Port Type	Optical module		BOSA	
PON	EPON, SC single-mode, symmetric 1.25Gbps			
	single-fiber			single-fiber
				double-fiber
Wavelength	Tx 1310nm,			Tx 1310nm,
	Rx 1490nm			Rx 1490nm
				CATV 1550nm
Sensitivity	<-27dBm(PX20+)			
Overload	> -3dBm(PX20+)			
Optical Type	SC/PC			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	none			1 CATV F Connector

Parameter Name	Software Parameter			
	HG323UEG	HG323EW	HG323REW	HG323REWT
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 Support 802.1P Support DSCP			
L3	Support IPv4、IPv6 and IPv4/IPv6 dual stack Support DHCP/PPPOE/Statics Support Static route Support NAT Support DHCP Server Support Bridge, Route ,Route and Bridge mixed mode Support DMZ Support Virtual Server			
Security	Support Firewall Support Mac filter Support ACL Support URL filter			

VoIP	Support SIP protocol Support Voice coding: ITU-T G.711/G.723/G.726/G.729, auto-negotiate with call agent Support Echo cancellation exceeding ITU-T G.165/G.168-2002, up to 128ms tail length Support high/low speed fax/Modem, bypass fax, and T38 fax 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 Support Line testing according to GR-909	
Wireless	Support 802.11b/g/n and Mixed mode Support 4 SSID Support No-auth、WEP、WPA-PSK and WPA2-PSK function with AES、TKIP encryption	
CATV	Not Support	RF Video Output Bandwidth (MHz): 45 ~ 875 RF Output Level(dBuv):80 AGC Dynamic Range (dBm) :-6~+2
Management	Support CTC OAM 2.0 and 2.1 Support WEB Support TR069 Support TELNET	

GPON HGU

parameter Name	Hardware Parameter			
	HG323UGG	HG323GW	HG323RGW	HG323RGWT
Main chip	Broadcom		Realtek	
CPU	400MHz		600MHz	
Memory	128M bytes DDR3		64M bytes DDR3	
Flash	128M NAND		16M SPI	
PON Port Type	Optical module		BOSA	
PON	GPON, SC single-moder, Upstream 1.25Gbps, Downstream 2.5Gbps.			
	single-fiber			single-fiber double-fiber
Wavelength	Tx 1310nm, Rx 1490nm			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/PC	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	
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QoS	Support 4 queues Support SP and WRR Support 802.1P Support DSCP			
L3	Support IPv4、IPv6 and IPv4/IPv6 dual stack Support DHCP/PPPOE/Statics Support Static route Support DHCP Server Support NAT Support Bridge, Route ,Route and Bridge mixed mode Support DMZ Support Virtual Server			
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CATV	Not Support	RF Video Output Bandwidth (MHz): 45 ~ 875 RF Output Level(dBuv):80 AGC Dynamic Range (dBm) :-6~+2
Management	Support ITUT984.x OMCI Support WEB Support CLI Support TR069	