


# Inotech



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## **Inotech HG326 Series Product Introduction**

# Product Overview

Product		Type
EPON ONU	HG326UEG	1EPON+4GE+2POTS+WiFi
	HG326RE	1EPON+4GE+2POTS+WiFi
	HG326ACE	1EPON+4GE+2POTS+WiFi
	V2800EW	1EPON+4GE+2POTS+WiFi+CATV
	HG324E	1EPON+4GE+2POTS
GPON ONU	HG326UGG	1GPON+4GE+2POTS+WiFi
	HG326RG	1GPON+4GE+2POTS+WiFi
	HG326ACG	1GPON+4GE+2POTS+WiFi
	V2800GW	1GPON+4GE+2POTS+WiFi+CATV
	HG324G	1GPON+4GE+2POTS

Product model	Product shows
HG326UEG	
HG326RE	
HG326ACE	
HG326UGG	
HG326ACG	
HG326RG	

V2800EW	
V2800GW	
HG324E	
HG324G	

## 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)
HG326UEG	205mm×140mm×37mm	12V,1A	≤10W	About 340g
HG326UGG		12V,1A	≤10W	About 340g
HG326RE		12V,1A	≤10W	About 340g
HG326RG		12V,1A	≤10W	About 340g
HG326AC		12V,1A	≤10W	About 340g
V2800EW	247mm×147mm×37mm	12V,1.5A	≤10W	About 500g
V2800GW		12V,1.5A	≤10W	About 500g
HG324E	185mm×122mm×33mm	12V,1A	≤10W	About 340g
HG324G		12V,1A	≤10W	About 340g

# EPON HGU

Parameter Name	Hardware Parameter				
	HG326UEG	HG326ACE	V2800EW	HG324E	HG326RE
Main chip	Broadcom				Realtek
CPU	400MHz				600MHz
Memory	128M bytes DDR3				
Flash	128M NAND				16M SPI
PON Port Type	Optical module				BOSA
PON	EPON, SC single-mode/single-fiber, symmetric 1.25Gbps				
Wavelength	Tx 1310nm, Rx 1490nm		Tx 1310nm, Rx 1490nm CATV 1550nm	Tx 1310nm, Rx 1490nm	
Sensitivity	<-27dBm(PX20+)				
Overload	> -3dBm(PX20+)				
Optical Type	SC/PC		SC/APC	SC/PC	
LAN interface	4*10/100/1000Mbps Auto adaptive Ethernet interfaces, Full/Half Duplex, RJ45 connector 2POTS, RJ11 connector				
Wireless	IEEE802.11b/g/n 300Mbps, 2T2R	IEEE802.11b/g/n/ac 2.4G band: 300Mbps, 2T2R 5G band: 400Mbps, 2T2R	IEEE802.11b/g/n 300Mbps, 2T2R	Not support	IEEE802.11b/g/n 300Mbps, 2T2R
CATV	none	none	1 CATV F Connector	none	none

Parameter Name	Software Parameter				
	HG326UEG	HG326ACE	V2800EW	HG324E	HG326RE
Internet connection	Support Bridge, Route ,Route and Bridge mixed mode				
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 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				
WiFi	Mixed mode Support 4 SSID Support No-auth, WEP, WPA-PSK and WPA2-PSK function with AES, TKIP encryption (HG324 can't support WiFi function)				
CATV	Not support	Not support	-RF Video Output Bandwidth (MHz): 45 ~ 875-RF Output Level(dBuv):80-AGC Dynamic Range (dBm) :-6~+2	Not support	Not support
Management	Support CTC OAM 2.0 and 2.1 Support WEB Support TR069 Support TELNET				

## GPON HGU

Parameter Name	Hardware Parameter				
	HG326UGG	HG326ACG	V2800GW	HG324G	HG326RG
Main chip	Broadcom				Realtek
PON	GPON, SC single-mode/single-fiber, Upstream 1.25Gbps, Downstream 2.5Gbps.				
Wavelength	Tx 1310nm, Rx 1490nm		Tx 1310nm, Rx 1490nm, CATV 1550nm	Tx 1310nm, Rx 1490nm	

Sensitivity	<-27dBm(CLASS B+)				
Overload	>-8dBm(CLASS B+)				
Optical Type	SC/PC	SC/APC	SC/PC		
Interface Type	4*10/100/1000Mbps Auto adaptive Ethernet interfaces, Full/Half Duplex, RJ45 connector 2POTS, RJ11 connector				
Wireless	IEEE802.11b/g/n, 300Mbps, 2T2R	IEEE802.11b/g/n/ac 2.4G band: 300Mbps, 2T2R 5G band: 400Mbps, 2T2R	IEEE802.11b/g/n , 300Mbps, 2T2R	None	IEEE802.11b/g/n, 300Mbps, 2T2R

Parameter Name	Software Parameter				
	HG326UGG	HG326ACG	V2800GW	HG324G	HG326RG
Internet connection	Support Bridge, Route ,Route and Bridge mixed mode				
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 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, callwaiting, hot-line call, and all kinds of value-added voice service. Multi-party conferencing Support Line testing according to GR-909				
Wireless	Support	Support	Support	Not support	Support

	Support 4 SSID Mixed mode Support No-auth, WEP, WPA-PSK and WPA2-PSK function with AES, TKIP encryption				
CATV	Not support	Not support	RF Video Output Bandwidth (MHz): 45 ~ 875 RFOutput Level(dBuv):80 AGC Dynamic Range (dBm) :-6~+2	Not support	Not support
Management	Support ITUT984.x OMCI Support WEB Support Telnet Support TR069				