



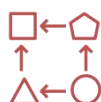
HG323RGW

1*XPON+1GE+1FE+1POTS+WiFi 4 HGU

Key Features:



Realtek Chipset
High Performance Solution



XPON Dual Mode
Automatically Access to
EPON/GPON



WiFi IEEE802.11b/g/n
2×2 5dBi Antenna
Wide Coverage

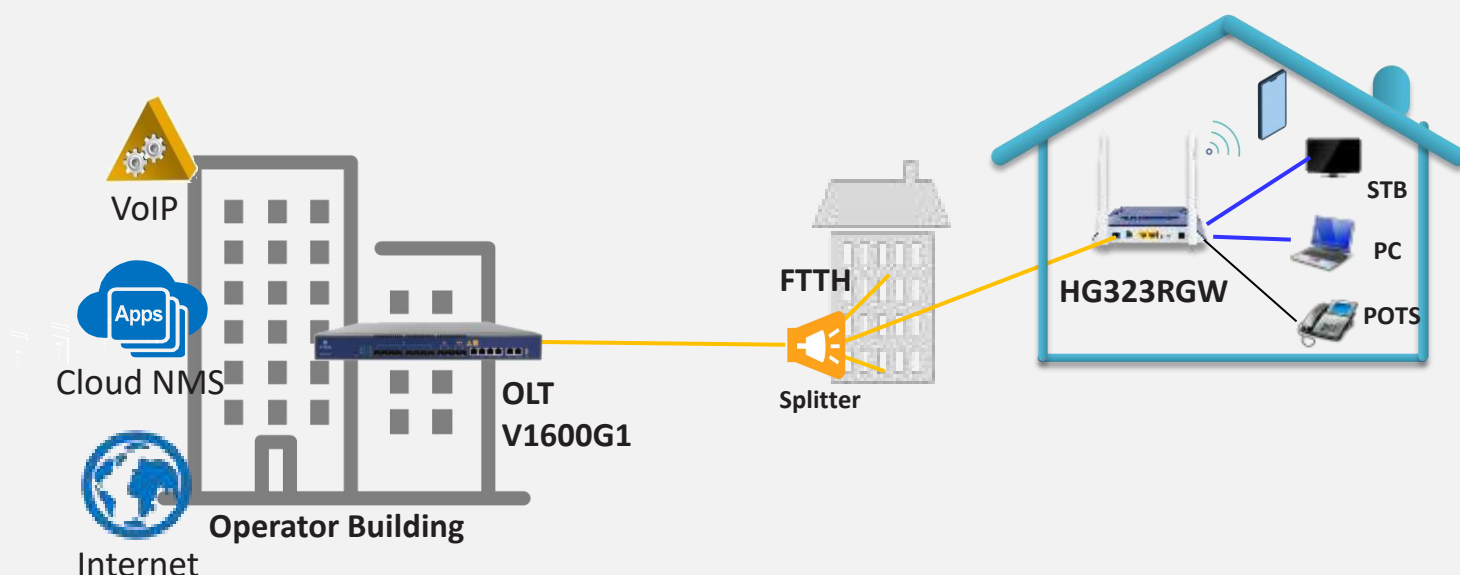


VoIP Protocol
SIP

Introduction:

HG323RGW XPON 1GE+1FE+WiFi 4 HGU meets telecom operators FTTO (office), FTTD (Desk), FTTH(Home) broadband speed, SOHO broadband access, video surveillance and other requirements to design a XPON Gigabit Ethernet products. It is based on mature and stable, cost-effective XPON technology, high reliability, easy management, configuration flexibility and good quality of service (QoS) guarantees to meet the technical performance of IEEE802.3ah and ITU-TG.984.x, China Telecom EPON/GPON equipment technical requirements and other specifications.

Application Chart:



○ Hardware Parameter

Dimension	185mm×120mm×34m(L×W×H)
Net weight	0.24Kg
Operating condition	• Operating temp: 0 ~ +50°C • Operating humidity: 10 ~ 90% (non-condensed)
Storing condition	• Storing temp: -30 ~ +60°C • Storing humidity: 10 ~ 90% (non-condensed)
Power adapter	DC 12V/1A, external AC-DC power adaptor
Power supply	≤6W
Interfaces	1GE+1FE+1POTS+WiFi 4
Indicators	PWR, PON,LOS,LAN1~LAN2,PHONE,Pair,WiFi

○ Interface Parameter

PON interface	• 1XPON port(EPON PX20+ and GPON Class B+) • SC single mode, SC/UPC connector • TX optical power: 0~+4dBm • RX sensitivity: -27dBm • Overload optical power: -3dBm(EPON) or -8dBm(GPON) • Transmission distance: 20KM • Wavelength: TX 1310nm, RX1490nm
WIFI interface	• IEEE802.11b/g/n (TX power: 17dBm/16dBm/15dBm), Up to 300Mbps • 2T2R, 5dBi external antenna • Support 13 Channels
User interface	• 1*GE+1FE,Auto-negotiation, RJ45 connectors • 1*POTS, RJ11 connectors

○ Function Data

PON mode	Dual Mode , Can access EPON/GPON OLTs(HUAWEI,ZTE,FiberHome, etc).
Uplink mode	Bridging and Routing Mode.
Layer2	802.1D&802.1ad bridge,802.1p Cos, 802.1Q VLAN.
Layer3	IPv4/IPv6 , DHCP Client/Server , PPPoE , NAT , DMZ ,DDNS.
Multicast	IGMPv1/v2/v3 , IGMP snooping.
Security	Flow & Storm control, Loop Detection.
WiFi	• Authentication:WEP/WAP-PSK(TKIP)/ WAP2-PSK(AES). • Support: multiple SSID
VoIP	• SIP and IMS SIP • G.711a/G.711u/G.722/G.729 Codec • Echo cancellation,VAD/CNG,DTMF Relay • T.30/T.38 FAX • Caller Identification/Call Waiting/Call Forwarding /Call Transfer/Call Hold/3-way Conference • Line testing according to GR-909
Firewall	Filtering Based on ACL/MAC/URL.
O&M	• WEB/TELNET/OAM/OMCI/TR069, • Support private OAM/OMCI protocol and Unified network management of VSOL OLT.

Product Name	Product Description	Accessories
HG323RGW	1GE+1FE+1POTS+WiFi 4	AC-DC power adaptor: DC12V/1A