HG3221D-4G1S2NAC / HG3221D-4G2S2NAC

1XPON+4GE+1POTS+1USB3.0+WiFi5 HGU / 1XPON+4GE+2POTS+1USB3.0+WiFi5 HGU

Key Features:

ZTE XPON Chipset + MTK Wi-Fi Chipset High Performance Solution

WiFi 5 Dual Band 1200Mbps
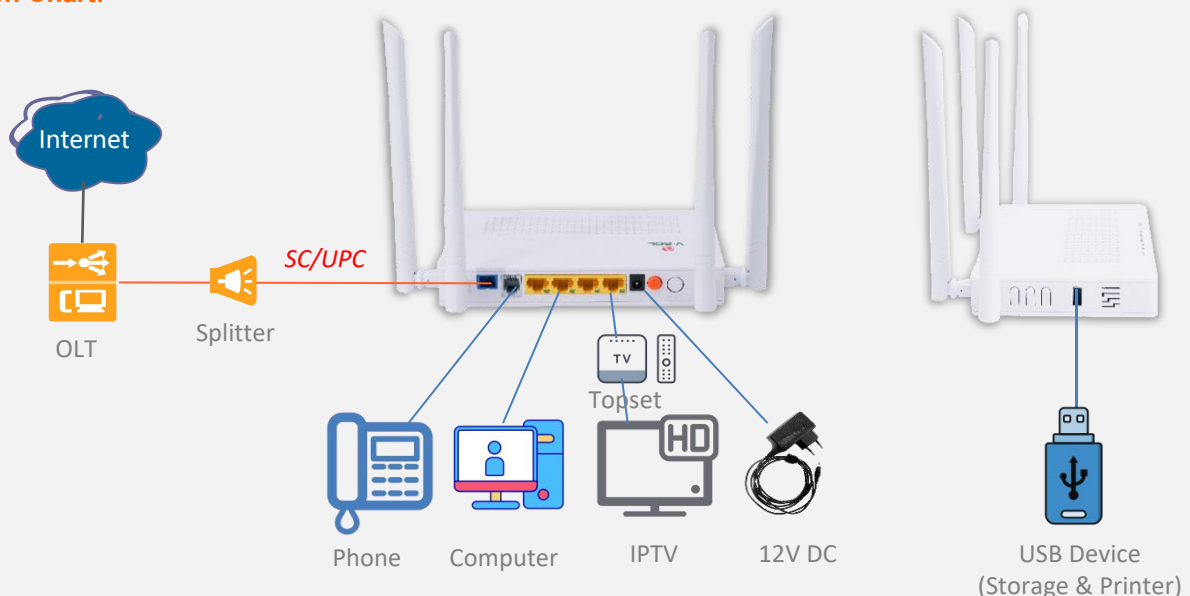
IPv4/IPv6 Dual Stack

USB3.0 Interface For Shared Storage/Printer

Introduction:

4GE+1POTS(2POTS)+WiFi5 XPON HGU terminal devices are designed for fulfilling FTTH and triple play service demand of fixed network operators. These boxes are based on the mature Chipset (ZTE+MTK) technology, which have high ratio of performance to price, and the technology of IEEE802.11b/g/n/ac WiFi, Layer 2/3, and high quality VoIP as well. Support full management of HGU devices through VSOL OLT. They are highly reliable and easy to maintain, with guaranteed QoS for different service. And they are fully compliant with technical regulations such as IEEE802.3ah, ITU-T G.984.x and technical requirement of GPON Equipment from China Telecom.

Application Chart:

Internet

OLT

Splitter

SC/UPC

Phone   Computer   IPTV   12V DC   Topset

USB Device (Storage & Printer)

Hardware Parameter

Dimension	205mm×140mm×37mm(L×W×H)
Net weight	0.32Kg
Operating condition	Operating temp:0 ~ +55°C Operating humidity:5 ~ 90% (non-condensed)
Storing condition	Storing temp: -30 ~ +60°C Storing humidity: 5 ~ 90% (non-condensed)
Power adapter	DC 12V,1.5A, external AC-DC power adaptor
Power supply	≤10W
Interface	4GE+1POTS+USB3.0+WiFi5
	4GE+2POTS+USB3.0+WiFi5
Indicators	PWR,PON ,LOS,WAN,WiFi,FXS, ETH1~4,WPS,USB

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
User interface	• 4×GE, Auto-negotiation,RJ45 ports • 1×POTS(2×RJ11 option) RJ11 Connector
Antenna	4 ×5dBi external antennas
USB	1×USB 3.0 for Shared Storage/Printer

Function Data

Management	• WEB/TELNET/OAM/OMCI/TR069 • Support private OAM/OMCI protocol and Unified network management of VSOL OLT
Internet connection	Support Routing Mode
Multicast	IGMP v1/v2/v3, IGMP snooping
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

WIFI	• Support Frequency:2.4 GHz,5GHz
	    • IEEE 802.11a/n/ac Wi-Fi@ 5GHz(2x2)
	    • IEEE 802.11b/g/n Wi-Fi@2.4GHz(2x2)
	• Multiple SSIDs for each band
	• WEP/WPA-PSK(TKIP)/WPA2-PSK(AES) Security

L2	802.1D&802.1ad bridge, 802.1p Cos, 802.1Q VLAN
L3	IPv4/IPv6, DHCP Client/Server,PPPoE, NAT,DMZ, DDNS
Firewall	Anti-DDOS, Filtering Based on ACL/MAC/URL

Product Name	Product Description	Accessories
HG3221D-4G1S2NAC	4GE+1POTS+WiFi5	AC-DC power adaptor: DC12V / 1.5A
HG3221D-4G2S2NAC	4GE+2POTS+WiFi5	