HG325AX

1XPON+4GE+1POTS+1USB3.0+WiFi6 HGU ONT

CE

Key Features:

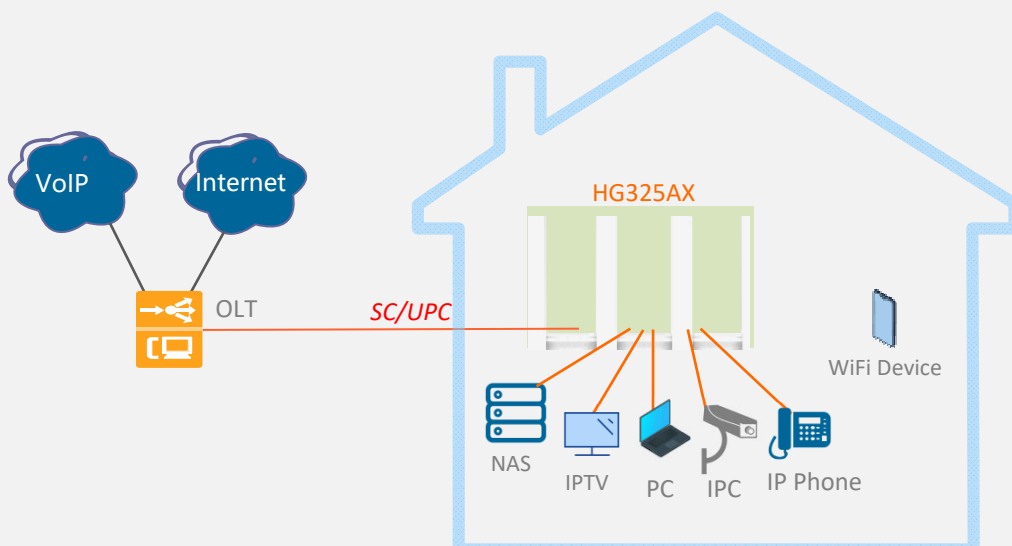|			
RTL9607C+ RTL8832AR+RTL8192XAR WiFi6 Gig+ performance	Next-Gen Gigabit WiFi6 2.4GHz & 5GHz Dual Band Speed up to 1.8 Gbps	IPv4/IPv6 Dual Stack	USB3.0 Interface For Shared Storage/Printer

Introduction:

HG325AX (4GE+1POTS+WiFi6 XPON HGU ONT) is a broadband access device specially designed to meet the needs of fixed network operators for FTTH and triple play services.

The ONT is based on high-performance chip solutions, supports XPON dual-mode technology (EPON and GPON), and also supports IEEE802.11b/g/n/ac/ax WiFi 6 technology and other Layer 2/Layer 3 functions, providing data service for carrier-grade FTTH applications. In addition, the ONT also supports the OAM/OMCI protocol, and we can configure or manage various services of the ONT on the VSOL OLT.

The ONT has high reliability, is easy to manage and maintain, and has QoS guarantees for various services. It conforms to a series of international technical standards such as IEEE802.3ah and ITU-T G.984

Application Chart:

⊙ Hardware Parameter

Dimension	250mm×145mm×36mm(L×W×H)
Net weight	0.34Kg
Operating condition	Operating temp:0 ~ +55°C Operating humidity:5 ~ 90% (non-condensing)
Storing condition	Storing temp: -30 ~ +60°C Storing humidity: 5 ~ 90% (non-condensing)
Power adapter	DC 12V, 1.5A, external AC-DC power adaptor
Power supply	≤18W
Interface	1XPON+4GE+1POTS+USB3.0+WiFi6
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 RJ11 Connector
Antenna	4 ×5dBi external antennas
USB	1×USB 3.0 for Shared Storage/Printer

⊙ Function Data

O&M	• 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 • MLD v1/v2 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	• Wi-Fi 6: 802.11a/n/ac/ax 5GHz & 802.11g/b/n/ax 2.4GHz • WiFi Encryption:WEP-64/WEP-128/ WPA/WPA2/WPA3 • Support OFDMA, MU-MIMO, Dynamic QoS, 1024-QAM • Smart Connect for one Wi-Fi name - One SSID for 2.4GHz and 5GHz dual band
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
HG325AX	1XPON+4GE+1POTS+WiFi6	AC-DC power adaptor: DC12V / 1.5A