

ONT: 1*2.5GE+3GE+1POTS+1USB3.0+WIFI 6

MODELO: G214HX-PRO



G214HX-PRO

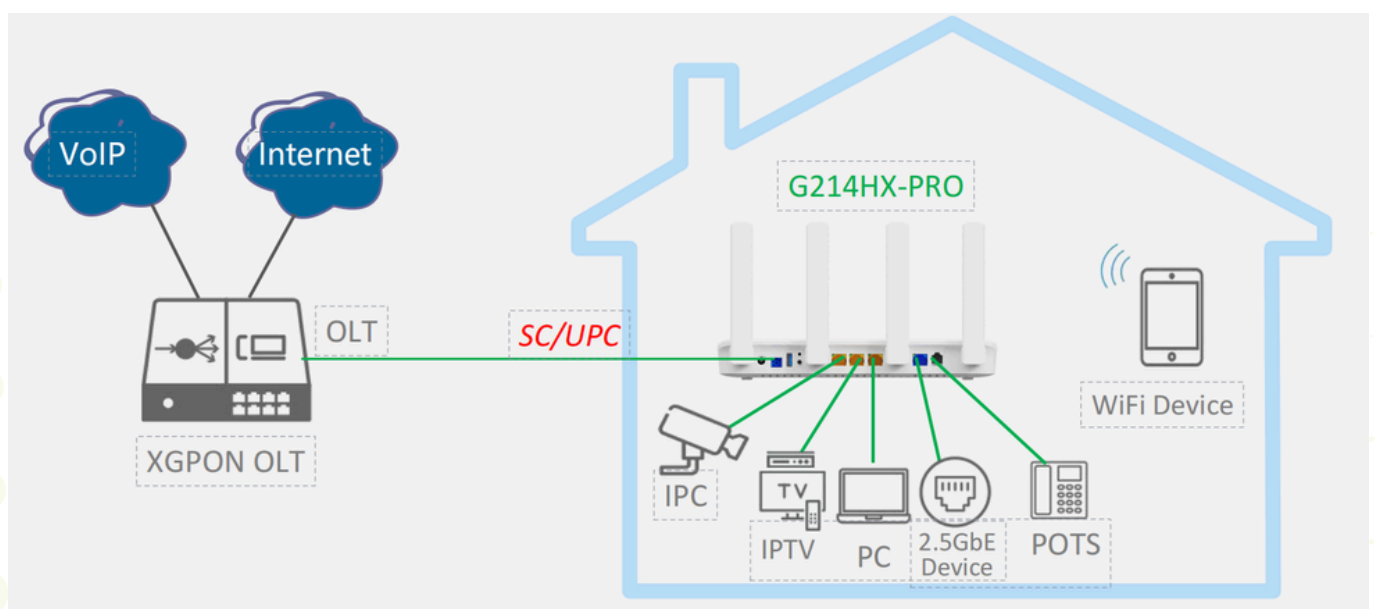
**XGPON+1*2.5GE+3*GE+1*POTS+1*USB3.0+WiFi 6 AX3000 HGU
ONT**

Introduction:

Leveraged the latest WiFi6(AX3000) technology and equipped with ITU-TG.987(XG-PON) PON interface and IEEE802.11 ax(WiFi6) interface, LANLY XGPON HGU ONT G214HX-PRO supports the full Triple Playof services enabling Data, Voice and Video services through Ethernet, Wi-Fi, FXS and USB standard interfaces, help Internet Service Providers to deliver internet service more than 2.5Gbps which is limited by GPON.

G214HX-PRO built-in Ethernet LAN ports, one 2.5GE BASE-T port and 3x1GE BASE-T ports support ultra fast device connection, and includes powerful and enhanced WLAN interface based on MU-MIMOO FDMA 2x2 2.4GHz MIMO and 5Ghz 2x2 MIMO Wi-Fi antennas supporting 802.11a/b/g/n/ac/ax standards over 2.4GHz and 5GHz wireless frequency bands for Internet application such as video, email, websurfing, files upload/download and online gaming, and itprovides VoIP service through POTSport.

Application Chart:



Product Specification

○ Hardware Parameter

Dimension	244mm*131mm*36mm (L*W*H)
Net weight	425g
Operating condition	Operating temp:-10 ~ +55°C Operating humidity:5 ~ 95% (non-condensed)
Storing condition	Storing temp: -40 ~ +70°C Storing humidity: 5 ~ 95% (non-condensed)
Power adapter	12V/2A
Power supply	24W
Interface	1*2.5GE+3*GE+1*POTS+1*USB3.0+WIFI 6
Indicators	PON/LOS, WAN, USB, PHONE, WIFI

○ Interface parameter

PON Interface	<ul style="list-style-type: none"> • SC single mode, SC/UPC connector • TX optical power: 5 dBm(XGPON) • RX sensitivity: -28dBm • Overload optical power: -8dBm • Transmission distance: 20km • Wavelength: <ul style="list-style-type: none"> • XGPON:DS 1577nm/US 1270nm
10G PON layer	• ITU-T G.987(XG-PON)
User interface	<ul style="list-style-type: none"> • 1*2.5GE, Auto-negotiation,RJ45 ports • 3*GE, Auto-negotiation,RJ45 ports • 1*POTS, RJ11 Connector • 1*USB3.0
Antenna	2*4dBi (2.4GHz) 2*5dBi (5GHz) external antennas
USB	1×USB 3.0 (Can connect to USB disk and support FTP service)

○ Function Data

O&M	<ul style="list-style-type: none"> • WEB/TELNET/OAM/OMCI/TR069 • Support private OAM/OMCI protocol and Unified network management of OLT
Internet connection	Support Bridge/Router mode
Multicast	<ul style="list-style-type: none"> • IGMP v1/v2/v3, IGMP snooping • MLD v1/v2 snooping
VoIP	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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
G214HX-PRO	1*2.5GE+3*GE+1*POTS+USB3.0+WIFI 6(AX3000) XGPON HGU ONT	AC-DC power adaptor: DC12V / 2A