

ONT: 4GE+WIFI(2.4GHZ+5GHZ)

MODELO G24A



Key Features:

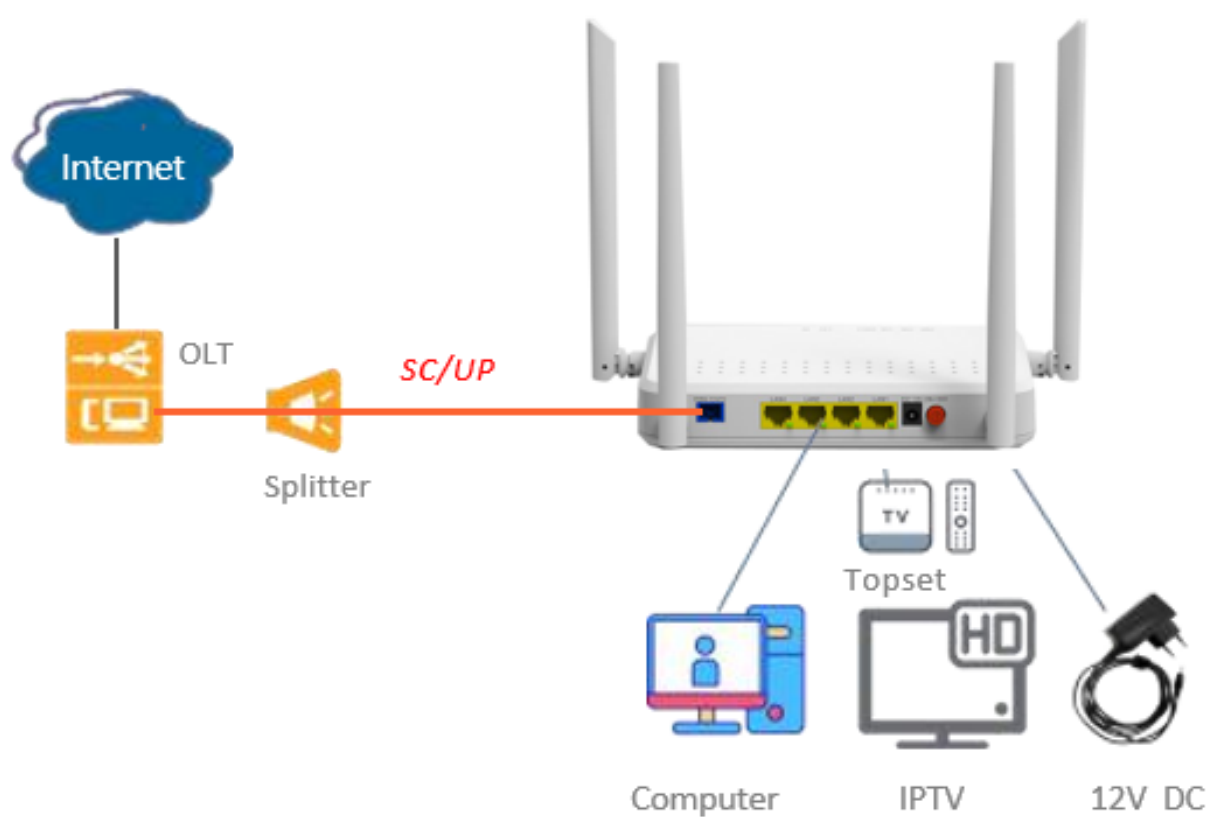
- XPON Dual Mode
- Plug and play ,auto-detecting , auto-configuration
- 802. 11n/ac dual band WiFi
- Support WiFi Easymesh protocol
- Support guaranteed QoS
- Support IPv4/ IPv6

Introduction:

G24A (4GE+WiFi5 XPON ONT) is a broadband access device specially designed to meet the needs of fixed network operators for FTTH.

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 WiFi 5 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 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 .



○ Hardware Parameter

Dimension	178mm×120mm×30mm(L×W×H)
Net weight	0.42Kg
Operating condition	• Operating temp: -10°C~+55°C • Operating humidity: 5%~95% (non-condensing)
Storing condition	• Storing temp: -40°C~+70°C • Storing humidity: 5%~95% (non-condensing)
Power adapter	DC 12V/1A
Power supply	≤10W
Interface	4GE+WiFi 5
LED Indicators	PWR, LOS, PON, LAN1 ~ LAN4, 2.4GHz, 5GHz

○ Interface Parameter

PON interface	• 1XPON port(EPON PX20+ & 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	• Compliant with IEEE802.11b/g/n/ac • WiFi: 2.4GHz 2×2, 5.8GHz 2×2, 5dBi antenna, rate up to 1.167Gbps, Multiple SSID • TX power: 2.4GHz: 23dBm; 5GHz: 24dBm • RX power: 2.4GHz: HT40-MCS7 -72dBm; 5GHz: VHT80 MCS9 <-62dBm
User interface	• 4*GE, Auto-negotiation RJ45 connectors

O&M	• OAM/OMCI, Telnet, WEB, TR069
Connect Mode	Support bridge, router & bridge/router mixed mode
QoS	• Support 4 queues • Support SP, WRR, 802.1P and DSCP
Data Service Functions	• Full speed non-blocking switching • 2K MAC address table • 8 full range VLAN ID • Support VLAN tag, untag, transparent, trunk, translation mode • Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc • Support auto polarity detection of Ethernet ports (AUTO MDIX) • Support IGMP v1/v2/v3 snooping/proxy and MLD v1/v2 snooping/proxy
Wireless	• Integrated 802.11b/g/n/ac • Authentication: WEP/WAP-PSK(TKIP)/WAP2-PSK(AES) • Modulation type: DSSS, CCK and OFDM • Encoding scheme: BPSK, QPSK, 16QAM and 64QAM • EasyMesh
L3	• IPv4, IPv6 and IPv4/IPv6 dual stack • DHCP/PPPOE/Static • Static route, DHCP Server • NAT/DMZ/DDNS/Virtual Server
Security	• Support Firewall • Support Mac filter Based on MAC or URL • Support ACL