

V2804AX15-R

1XPON+1GE(WAN/LAN)+3GE(LAN)+1USB3.0+Wi-Fi 6 HGU ONT

Key Features:

- PON+Wi-Fi 6
  Gig+ performance
- Next-Gen Gigabit Wi-Fi 6
  2.4GHz & 5GHz Dual Band
  Speed up to 1.5Gbps
- Tray-mounted Fiber Structure
  Triple-play Services
- Black/White Color Shell
  Optional

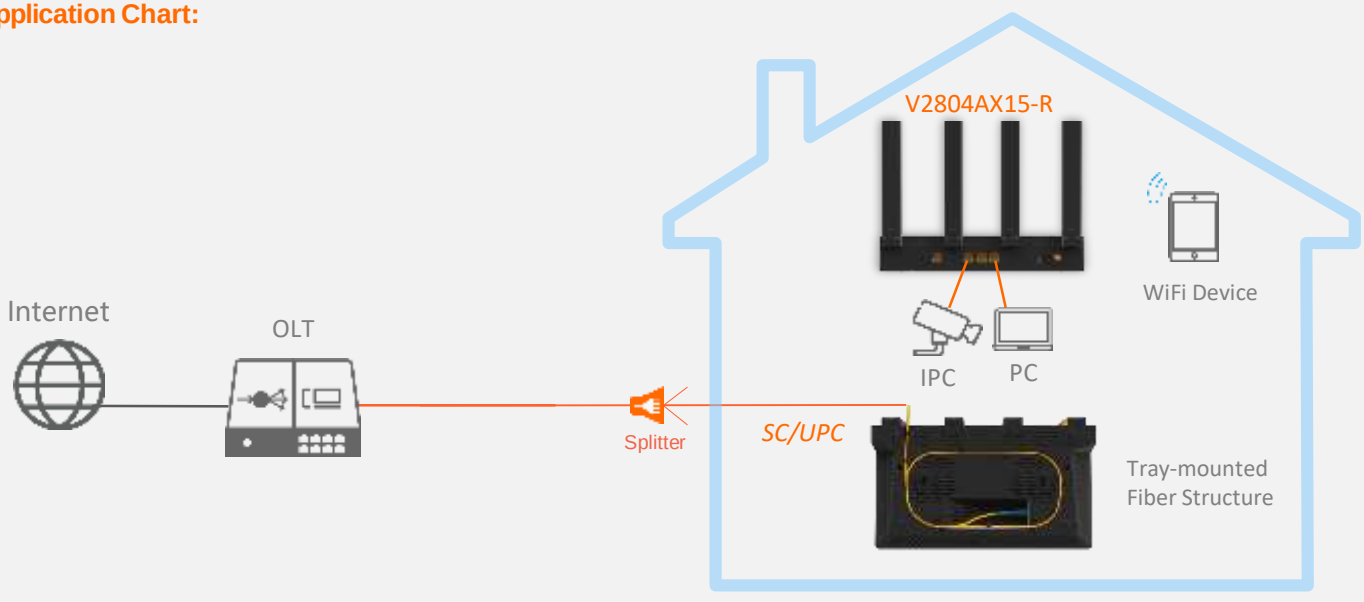
Introduction:

V2804AX15-R (1GE(WAN/LAN)+3GE(LAN)+Wi-Fi 6 XPON HGU ONT) is a broadband access device designed to meet the demands of fixed network operators for FTTH.

This ONT is based on a high-performance chip solution, supporting XPON dual-mode technology (EPON and GPON). With WiFi speeds of up to 1500Mbps, it also supports IEEE 802.11b/g/n/ac/ax Wi-Fi 6 technology and other Layer 2/Layer 3 features, providing data services for carrier-grade FTTH applications. In addition, this ONT supports OAM/OMCI protocols, allowing configuration and management of various services on the VSOL OLT, making it easy to manage and maintain, and ensuring QoS for various services. It complies with international technical standards such as IEEE802.3ah and ITU-T G.984.

V2804AX15-R comes in two color options for its body shell, black and white. With a bottom disc fiber structure design, it can be placed on a desktop or wall-mounted, adapting effortlessly to various scene styles!

Application Chart:



Hardware Parameter

Dimension	260.4mm×157.4mm×45.8mm(L×W×H)
Net weight	0.45Kg
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	DC 12V, 1.5A, external AC-DC power adaptor
Power supply	≤18W
Interface	1XPON+1GE(WAN/LAN)+3GE(LAN)+1USB3.0+ Wi-Fi 6
Indicators	PWR ,PON ,LOS ,WAN ,LAN1~4 ,2.4G ,5G , 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	• 1GE(WAN/LAN)+3GE(LAN), Auto-negotiation,RJ45 ports
Antenna	4 ×5dBi external antennas

Function Data

O&M	• WEB/TELNET/OAM/OMCI/TR069 • Support private OAM/OMCI protocol
Internet connection	Support Routing Mode
Multicast	• IGMP v1/v2/v3, IGMP snooping • MLD v1/v2 snooping
WIFI	• Wi-Fi 6:802.11a/n/ac/ax 5GHz • Wi-Fi 4: 802.11g/b/n 2.4GHz • WiFi: 2.4GHz 2×2, 5.8GHz 2×2, external antennas, rate up to 1.5Gbps,Multiple SSID • 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 • Support WIFI Easy-mesh function
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
V2804AX15-R	1XPON+1GE(WAN/LAN)+3GE(LAN)+1USB3.0+Wi-Fi 6	AC-DC power adaptor: DC12V / 1.5A