



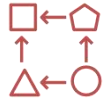
## V2804Z-4G

1\*XPON+4GE ONU

### Key Features:



ZTE Chipset  
High Performance Solution



XPON Dual Mode  
Automatically Access to  
EPON/GPON



IPv4/IPv6 Dual Stack



Powerful Firewall

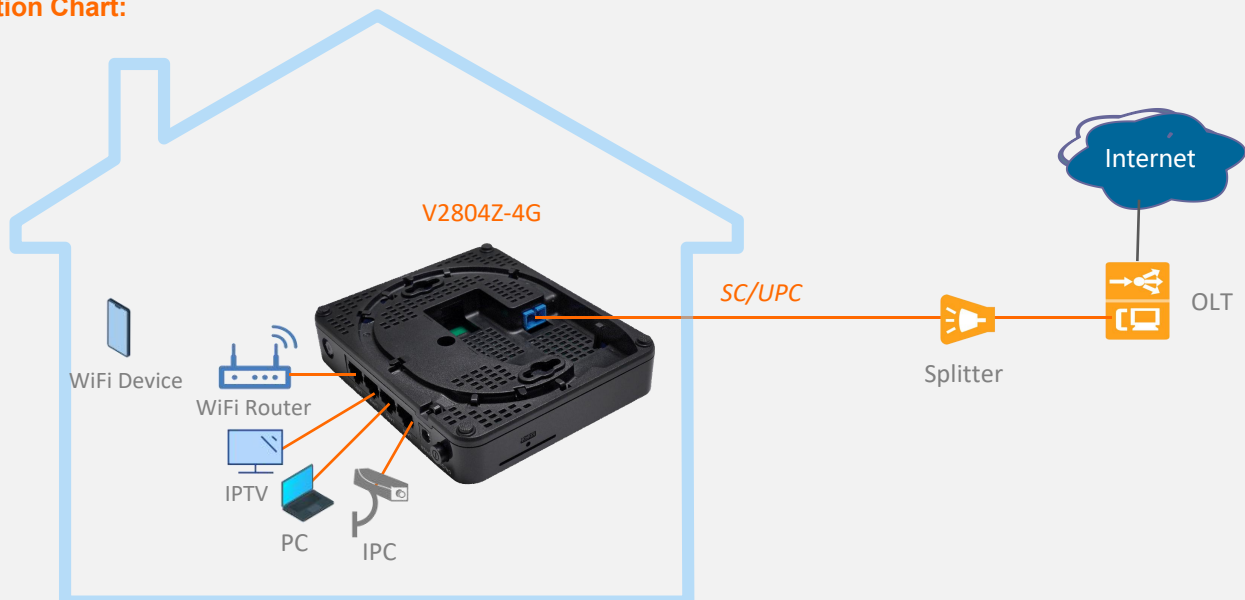


### Introduction:

V2804Z-4G(XPON 4GE ONU) supports Dual mode(XPON), It can also be applied to a wide temperature environment, and also has a powerful firewall function.

V2804Z-4G(XPON 4GE ONU) meets telecom operators FTTO (office), FTTD (Desk), FTTH(Home) broadband speed, SOHO broadband access, video surveillance and other requirements and design a GPON/EPON Gigabit Ethernet products. The box is based on the mature Gigabit GPON/EPON technology, highly reliable and easy to maintain, with guaranteed QOS for different service. And it is fully compliant with technical regulations such as ITU-T G.984.x and IEEE802.3ah.SFP with SC/PC Connector Transceiver.

### Application Chart:



## ○ Hardware Parameter

Dimension	130mm*110mm*30mm(L*W*H)
Net weight	TBD
Operating condition	<ul style="list-style-type: none"> <li>• Operating temp: 0 ~ +50°C</li> <li>• Operating humidity: 5 ~ 90% (non-condensed)</li> </ul>
Storing condition	<ul style="list-style-type: none"> <li>• Storing temp: -30 ~ +60°C</li> <li>• Storing humidity: 5 ~ 90% (non-condensed)</li> </ul>
Power adapter	DC 12V/1A, external AC-DC power adaptor
Power supply	≤12W
Interfaces	4GE
Indicators	PWR, PON, LOS, LAN1~LAN4

## ○ Interface Parameter

PON interface	<ul style="list-style-type: none"> <li>• 1 XPON port(EPON PX20+ &amp; GPON Class B+)</li> <li>• SC single mode, SC/UPC connector</li> <li>• TX optical power: 0~+4dBm</li> <li>• RX sensitivity: -27dBm</li> <li>• Overload optical power: -3dBm(EPON) or -8dBm(GPON)</li> <li>• Transmission distance: 20KM</li> <li>• Wavelength: TX 1310nm, RX1490nm</li> </ul>
LAN interface	4*GE, Auto-negotiation RJ45 connectors

## ○ Function Data

XPON Mode	Dual mode,Auto-access to EPON/GPON OLT
Uplink Mode	Bridging and Routing Mode
Abnormal protection	Detecting Rogue ONU, Hardware Dying Gasp
Firewall	DDOS, Filtering Based on ACL/MAC/URL

## ○ Product Feature

Basic	<ul style="list-style-type: none"> <li>• Support MPCP discover&amp;register</li> <li>• Support authentication Mac/Loid/Mac+Loid</li> <li>• Support Triple Churning</li> <li>• Support DBA bandwidth</li> <li>• Support auto-detecting, auto-configuration, and auto firmware upgrade</li> <li>• Support SN/Psw/Loid/Loid+Psw authentication</li> </ul>
Alarm	<ul style="list-style-type: none"> <li>• Support Dying Gasp</li> <li>• Support Port Loop Detect</li> <li>• Support Eth Port Los</li> </ul>
LAN	<ul style="list-style-type: none"> <li>• Support Port rate limiting</li> <li>• Support Loop detection</li> <li>• Support Flow control</li> <li>• Support Storm control</li> </ul>
VLAN	<ul style="list-style-type: none"> <li>• Support VLAN tag mode</li> <li>• Support VLAN transparent mode</li> <li>• Support VLAN trunk mode(max 8 vlans)</li> <li>• Support VLAN 1:1 translation mode(≤8 vlans)</li> <li>• Auto VLAN detection</li> </ul>
Multicast	<ul style="list-style-type: none"> <li>• Support MLD</li> <li>• Support IGMPv1/v2/Snooping</li> <li>• Max Multicast vlan 8</li> <li>• Max Multicast Group 64</li> </ul>
QoS	<ul style="list-style-type: none"> <li>• Support 4 queues</li> <li>• Support SP and WRR</li> <li>• Support 802.1P</li> </ul>
L3	<ul style="list-style-type: none"> <li>• Support IPv4/IPv6</li> <li>• Support DHCP/PPPOE/Static IP</li> <li>• Support Static route</li> <li>• Support NAT</li> </ul>
Management	<ul style="list-style-type: none"> <li>• Support CTC OAM 2.0 and 2.1</li> <li>• Support ITUT984.x OMCI</li> <li>• Support TR069/WEB/TELNET/CLI</li> </ul>

Product Name	Product Description	Accessories
V2804Z-4G	4GE	AC-DC power adaptor: DC12V/1A