



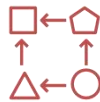
V2804Z-4G

1*XPON+4GE ONU

Key Features:



ZTE Chipset
High Performance Solution



XPON Dual Mode
Automatically Access to
EPON/GPON



IPv4/IPv6 Dual Stack



PON port hidden design,
compact and space-saving



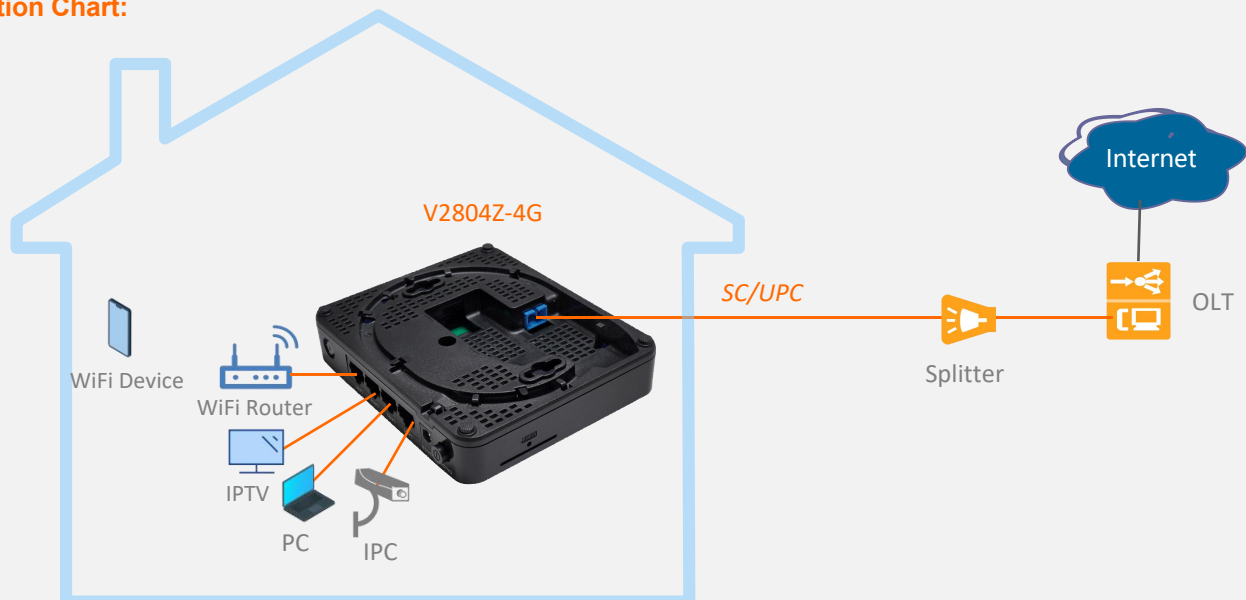
Introduction:

V2804Z-4G(XPON 4GE ONT) is a broadband access device specially designed to meet the needs of telecom operators for FTTO (Office), FTTD (Desktop), FTTH (Home), SOHO access, and video surveillance access.

The ONT is based on high-performance chip solutions, supports XPON dual-mode technology (EPON and GPON), and also supports 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	130mm*110mm*30mm(L*W*H)
Net weight	0.17KG
Operating condition	<ul style="list-style-type: none"> • Operating temp: 0 ~ +50°C • Operating humidity: 5 ~ 90% (non-condensing)
Storing condition	<ul style="list-style-type: none"> • Storing temp: -30 ~ +60°C • Storing humidity: 5 ~ 90% (non-condensing)
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"> • 1 XPON 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
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"> • Support MPCP discover&register • Support authentication Mac/Loid/Mac+Loid • Support Triple Churning • Support DBA bandwidth • Support auto-detecting, auto-configuration, and auto firmware upgrade • Support SN/Psw/Loid/Loid+Psw authentication
Alarm	<ul style="list-style-type: none"> • Support Dying Gasp • Support Port Loop Detect • Support Eth Port Los
LAN	<ul style="list-style-type: none"> • Support Port rate limiting • Support Loop detection • Support Flow control • Support Storm control
VLAN	<ul style="list-style-type: none"> • Support VLAN tag mode • Support VLAN transparent mode • Support VLAN trunk mode(max 8 vlans) • Support VLAN 1:1 translation mode(≤8 vlans) • Auto VLAN detection
Multicast	<ul style="list-style-type: none"> • Support MLD • Support IGMPv1/v2/Snooping • Max Multicast vlan 8 • Max Multicast Group 64
QoS	<ul style="list-style-type: none"> • Support 4 queues • Support SP and WRR • Support 802.1P
L3	<ul style="list-style-type: none"> • Support IPv4/IPv6 • Support DHCP/PPPOE/Static IP • Support Static route • Support NAT
Management	<ul style="list-style-type: none"> • Support CTC OAM 2.0 and 2.1 • Support ITUT984.x OMCI • Support TR069/WEB/TELNET/CLI

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