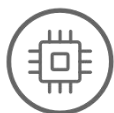




V2904QT-Z

10G PON+1*2.5GbE+3*GE+CATV SFU ONU
(Auto XG-PON/XGS-PON)

Key Features:



10G PON Solution
High Performance Chipset



IPv4/IPv6 Dual Stack



Tray-mounted Fiber
Structure



Remote Control
CATV(with AGC) on/off

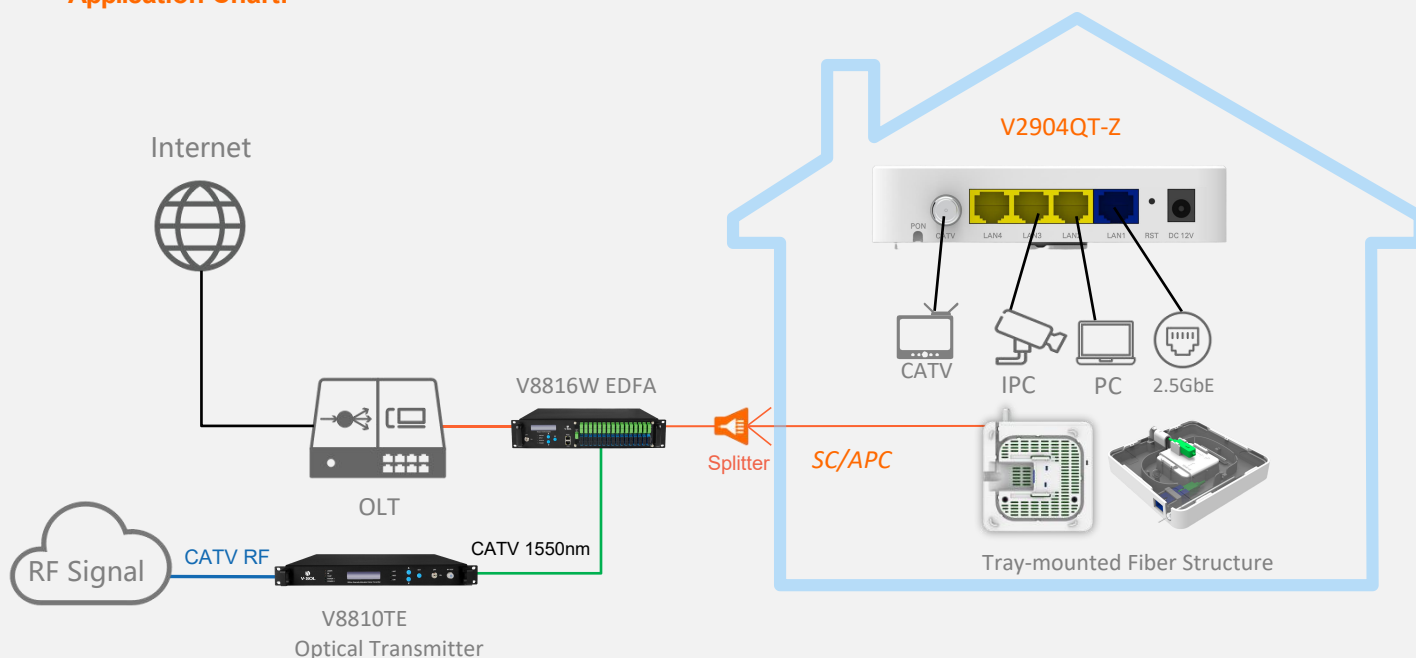
Introduction:

The V2904QT-Z complies with XG-PON/XGS-PON standards.

It comes with 1×2.5GbE, 3×1GE Ethernet ports and a CATV RF port to support network, HD TV and other multiple services. With reliable performance, it is easy to maintain, expand and network.

The integrated fiber routing and detachable design keeps cabling tidy and boosts efficiency of installation and maintenance. Supporting desktop and wall-mounted installation, it can be deployed flexibly in all application scenarios.

Application Chart:



○ Hardware Parameter

Dimension	120mm*120mm*46mm (L*W*H)
Net weight	0.283kg
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/1A
Power supply	12W
Interface	1*2.5GbE+3*GE+CATV
Indicators	PWR, PON, LOS, LAN1, LAN2, LAN3, LAN4, CATV

○ Interface parameter

PON Interface	• SC single mode, SC/APC connector • Auto-adaptive XG(S)-PON port • TX optical power: 6dBm(XGS-PON)、5dBm(XG-PON) • RX sensitivity: -28dBm • Overload optical power: -8dBm • Transmission distance: 20km • Wavelength: XG(S)-PON:DS 1577nm/US 1270nm
10G PON layer	• ITU-T G.987(XG-PON) • ITU-T G.9807.1 (XGS-PON)
CATV interface	• Optical receiving wavelength: 1550±10nm • Optical input range: +2~-18dBm • Optical reflection loss: ≥40dB • RF frequency range: 47~1000MHz • RF output impedance: 75Ω • RF output level and AGC range: ≥81±2dBuV@+1~-10dBm ≥79±2dBuV@ 0~-11dBm ≥77±2dBuV@-1~-12dBm ≥75±2dBuV@-2~-13dBm ≥73±2dBuV@-3~-14dBm ≥71±2dBuV@-4~-15dBm • MER: ≥32dB(-14dBm optical input)
User interface	• 1*2.5GbE, Auto-negotiation,RJ45 ports • 3*GE, Auto-negotiation,RJ45 ports

○ Function Data

Internet connection	Support Bridge mode
Alarm	• Support Dying Gasp • Support Port Loop Detect
LAN	• Support Port rate limiting • Support Loop detection • Support Flow control • Support Storm control
VLAN	• Support VLAN tag mode • Support VLAN transparent mode • Support VLAN trunk mode • Support VLAN hybrid mode
Multicast	• IGMPv1/v2/Snooping • Support multicast protocol VLAN and multicast data stripping • Support multicast translation function
O&M	• WEB/TELNET/SSH/OMCI • Support private OMCI protocol and Unified network management of VSOL OLT
Firewall	• Support IP address and port filtering function
Other	• Support log function

Product Name	Product Description	Accessories
V2904QT-Z	1*XG-PON+1*2.5GbE+3*GE+CATV	AC-DC power adaptor: DC12V / 1A
	1*XGS-PON+1*2.5GbE+3*GE+CATV	