

V2902A

10G PON+1*10GE+1*GE SFU ONU

(XG-PON or XGS-PON optional.)

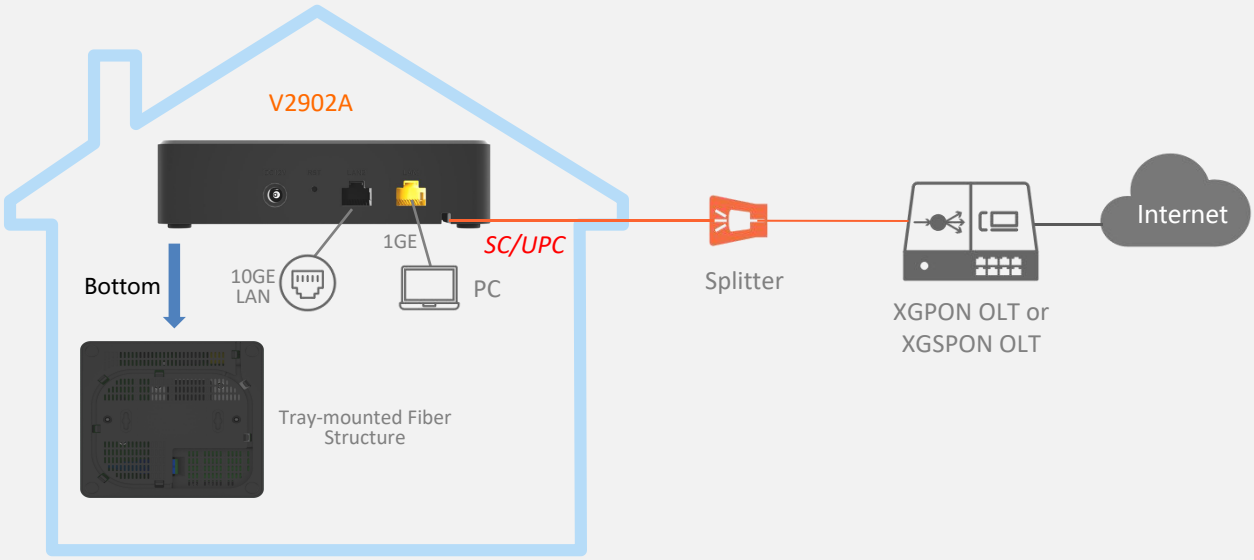
Key Features:

- 10G PON Solution
  High Performance Chipset
- 10GE
  High Speed Port
- IPv4/IPv6 Dual Stack
- Tray-mounted Fiber
  Structure

Introduction:

The 10G PON ONU V2902A developed by VSOL supports dual modes including XG-PON/XGS-PON, providing multiple rate Ethernet ports of 10GE/GE. The V2902A can easily meet business needs such as 4K/8K and VR, and can provide home and enterprise users with the ultimate experience of 10G ultra-high-speed Internet connection. With tray-mounted fiber structure fiber design, it can be placed on a desktop or wall-mounted, adapting effortlessly to various scene styles!

Application Chart:



Hardware Parameter

Dimension	140mm*140mm*36.5mm (L*W*H)
Net weight	316g
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*10GE+1*GE
Indicators	SYS, PON, LOS, LAN1, LAN2

Interface parameter

PON Interface	• SC single mode, SC/UPC connector • 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)
User interface	• 1*10GE, Auto-negotiation,RJ45 ports • 1*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
QoS	• Support WRR、SP+WRR
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
V2902A	1*XG-PON+1*10GE+1*GE	AC-DC power adaptor: DC12V / 1A
	1*XGS-PON+1*10GE+1*GE	