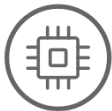




V2902A-S

10G PON +1*GE +1*SFP+ HGU ONU
(XG-PON or XGS-PON optional.)

Key Features:



10G PON Solution
High Performance Chipset



SFP+
High Speed Port



IPv4/IPv6 Dual Stack

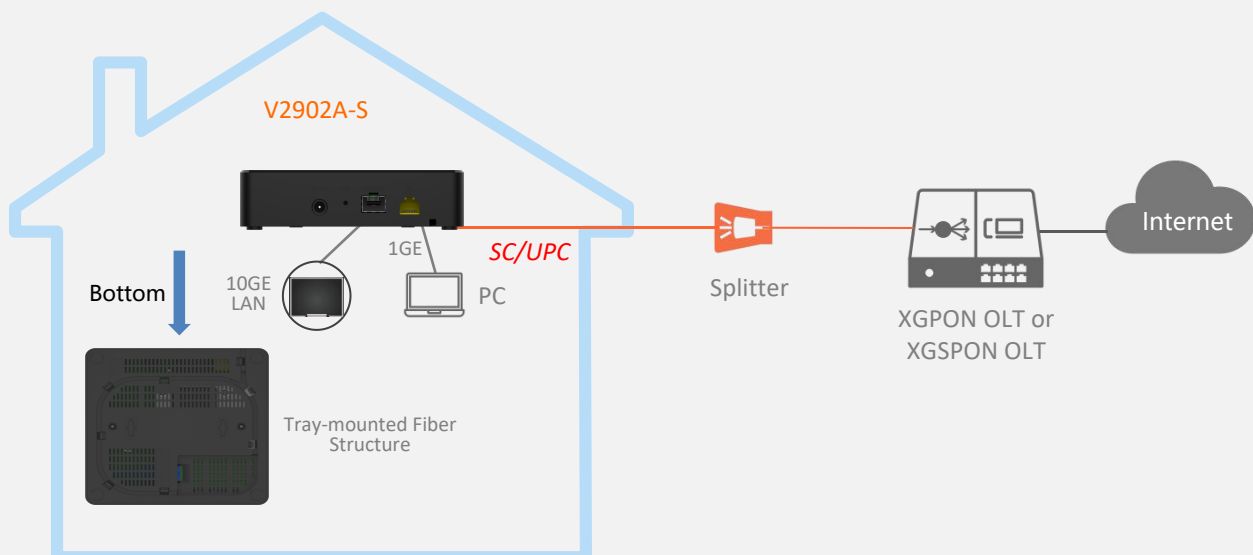


Tray-mounted Fiber
Structure

Introduction:

The 10G PON ONU V2902A-S developed by VSOL supports dual modes including XG-PON/XGS-PON, With flexible multi-rate ports — one 10GE (SFP+) port and one GE port. The V2902A-S 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	280g
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*GE+1*SFP+
Indicators	SYS, PON, LOS, WAN,GE, 10G

○ 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, SFP+ port • 1*GE, Auto-negotiation,RJ45 port

○ Function Data

Internet connection	• Support Bridge/Router mode
Alarm	• Support Dying Gasp • Support Port Loop Detect
L2	802.1p Cos,802.1Q VLAN
L3	IPv4/IPv6, DHCP Client/Server,PPPoE, NAT, DMZ, DDNS
Multicast	• IGMP v1/v2/v3, IGMP snooping • MLD v1/v2 snooping
QoS	• Support WRR、SP+WRR
O&M	• WEB/TELNET/OMCI/TR069 • Support private OMCI protocol and Unified network management of VSOL OLT
Firewall	• Support IP address and port filtering function • Anti-DDOS, Filtering Based on ACL/MAC /URL

Product Name	Product Description	Accessories
V2902A-S-XG	1*XG-PON+1*GE+1*SFP+	AC-DC power adaptor: DC12V / 1A
V2902A-S-XGS	1*XGS-PON+1*GE+1*SFP+	