

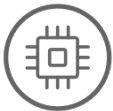


V2924G/XG/XGS-PSE

1*PON+24*GE(PoE+) MDU

(The PON port can be plugged with different types of optical modules to flexibly support GPON/XG-PON/XGS-PON modes)

Key Features:



High-performance chipset



Wide operating temperature range
-30°C~+60°C



PoE power supply optional
(IEEE 802.3af/at)



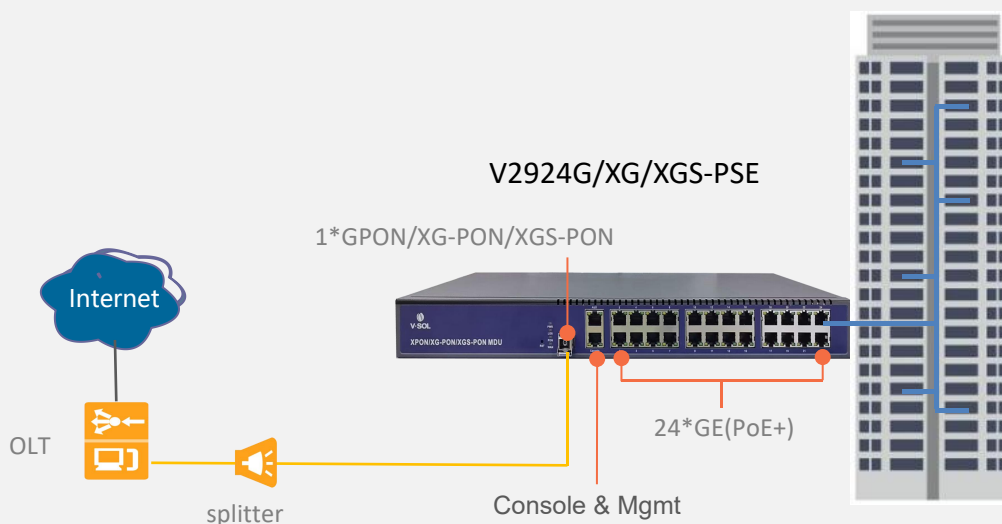
Support GPON/XG-PON/
XGS-PON multiple modes

Introduction:

V2924G/XG/XGS-PSE (1*PON+24*GE MDU) is a broadband access device designed to meet the needs of telecom operators for FTTB, FTTC, SOHO access, and video surveillance access. The ONU is based on a high-performance chip solution. The PON port can access different types of optical modules to flexibly support GPON, XG-PON or XGS-PON modes. It has 24 Gigabit Ethernet ports and can support PoE+ power supply at most, providing flexible power supply for APs, cameras and other devices through network cables.

The ONU has high reliability and can be used in various temperature environments. It has powerful firewall functions and is easy to manage and maintain. It can provide QoS guarantee for various data services. It complies with a series of international technical standards such as ITU-T G.984(GPON)/ITU-T G.987(XG-PON)/ITU-T G.9807.1(XGS-PON).

Product Application:



V2924G/XG/XGS-PSE

24 Gigabit PoE Network Ports MDU



Technical Specifications:

Management Ports

- 1*CONSOLE port
- 1*AUX port

High Reliability & Safety

- Support L2/L3/L4-based ACL flow identification and filtering security mechanism
- Support port isolation
- Support IEEE 802.1x, AAA, Radius and Tacas+

Management Mode

- Telnet/CLI/WEB/SSHv2
- Support TFTP to Upload & Download File
- CLI command style similar to mainstream manufacturers

Management Function

- NTP, system log
- Port Status monitoring and configuration management
- User management
- Alarm management

Layer2 Switch

- 16K Mac address
- Support 4072 VLANs and 24 reserved VALNs
- Support port VLAN and protocol VLAN
- Support VLAN tag/Un-tag ,VLAN transparent transmission
- Support VLAN translation and QinQ
- Support storm control based on port
- Support port isolation
- Support port rate limitation
- Support 802.1D and 802.1W
- Support static/dynamic LACP
- QoS based on port, VID, TOS and MAC address
- Access control list
- IEEE802.x flow control
- Port stability statistic and monitoring
- Support RSTP,MSTP

Multicast

- IGMP v1/v2, IGMP Snooping,IGMP Proxy
- Multicast group quantitative limitation
- 1K Multicast groups

IPv6

- Support IPv6 Telnet/Https
- Support IPv6 SLAAC
- Support MLD v1/v2,MLD Snooping

DHCP

- DHCP server/DHCP relay/DHCP snooping
- DHCP option82
- DHCPv6 server,DHCPv6 relay

Layer 3

- Static route

PON

- ITU-T 984/987/9807 OMCI
- Optical module type: GPON/XG-PON/XGS-PON
- TX optical power:0.5~5dBm(GPON), 2~7dBm(XG-PON), 4~9dBm(XGS-PON)
- RX sensitivity: -28dBm
- Overload optical power: -8dBm
- Transmission distance: 20KM
- Wavelength:
 - GPON: US-1310nm, DS-1490nm;
 - XG(S)-PON: US-1270nm, DS-1577nm

Item		V2924G/XG/XGS-PSE
Chassis	Rack	1U 19 inch standard box
1G User Port	QTY	24
	Physical Interface	RJ45(GE,PoE)
	Forward Rate	1Gbps
10G Uplink Port	QTY	1
	Physical Interface	SFP Slots, GPON/XG-PON/XGS-PON(Depends on the type of PON optical module inserted)
	Forward Rate	GPON (US:1.25Gbps, DS:2.5Gbps), XG-PON (US:2.5Gbps, DS:10Gbps), XGS-PON (US:10Gbps, DS:10Gbps).
Management Ports		1*CONSOLE port and 1*AUX port
Switching Capacity (Gbps)		90
Throughput (Mbps)		9736.842
Dimension (LxWxH)		442*216.2*43.6mm
Weight		3.20kg
AC Power Supply		Working Voltage Range: 100~240V, Rated Voltage: 110V/220V
Maximum PoE power per port		30W
Maximum PoE power supply power of the whole device		≥370W
Maximum power consumption of the whole machine		≤400W
Rated power of power supply		600W
Operating Environment	Working Temperature	-30~+60°C
	Storage Temperature	-40~+85°C
	Relative Humidity	5~95% (non-condensing)

Ordering Information:

Product Name	Product Description	Power Configuration	Accessories
V2924G-PSE	1*PON(GPON)+24*GE(RJ45,PoE)	1*AC power	GPON ONU SFP optical module
V2924XG-PSE	1*PON(XG-PON)+24*GE(RJ45,PoE)	1*AC power	XG-PON ONU SFP+ optical module
V2924XGS-PSE	1*PON(XGS-PON)+24*GE(RJ45,PoE)	1*AC power	XGS-PON ONU SFP+ optical module