



1GE SECURE ONU ZP9021-VG

XPON 1GE Safe ONU-ZP9021-VG is support Dual mode(EPON and GPON), It can also be applied to a wide temperature environment, and also has a powerful firewall function. II



Technical item	1GE Secure ONU ZP9021-VG
PON interface	1 G/EPON port(EPON PX20+ and GPON Class B+) Wavelength:Tx1310nm,Rx 1490nm SC/UPC connector Receiving sensitivity: $\leq -28\text{dBm}$ Transmitting optical power: $0\sim +4\text{dBm}$ Transmission distance: 20KM
LAN interface	1 x 10/100/1000Mbps auto adaptive Ethernet interfaces.10/100/1000M Full/Half, RJ45 connector
LED	3, For Status of REG、SYS、 LINK/ACT
Operating condition	Temperature: $-30^{\circ}\text{C}\sim +70^{\circ}\text{C}$ Humidity: 10%~90% (non-condensing)
Storing condition	Temperature : $-30^{\circ}\text{C}\sim +70^{\circ}\text{C}$ Humidity :10%~90% (non-condensing)
Power supply	DC 12V/0.5A(option)
Power consumption	$\leq 4\text{W}$
Dimension	82mm×82mm×25mm (L×W×H)
Net weight	85g

Abnormal protection	Detecting Rogue ONU, Hardware Dying Gasp.
Firewall	DDOS, Filtering Based on ACL/MAC/URL.
Layer2	802.1D&802.1ad bridge, 802.1p Cos, 802.1Q VLAN.
Layer3	IPv4/IPv6, DHCP Client/Server , PPPoE, NAT , DMZ ,DDNS.
Multicast	IGMP v1/v2/v3 , IGMP snooping.
Security	Flow & Storm control, Loop Detection.
O&M	WEB/TELNET/OAM/OMCI/TR069.

Product Overview

Product introduct

- Art No :ZP9021-VG
- MaterialABS Plastic
- Size :82mm×82mm×25mm
- Weight85g
- Color:white, black, blue, yellow, red
- Description :ZP9021-VG is 1GE Secure ONU designed for fulfilling FTTH ultra-broadband access request of home and SOHO users

Special Features

- Dual mode(Can access EPON/GPON OLTs)
- Compatible with popular OLT(HW,ZTE...)

- ▶ Flow & Storm Control , Loop Detection
- ▶ Firewall: DDOS, Filtering Based on ACL/MAC/URL
- ▶ O&M: WEB/TELNET/OAM(OMCI)/TR069

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xPON 1GE ONU-ZP9021-VG meets telecom operators FTTO (office), FTTD (Desk), FTTH(Home) broadband speed, SOHO broadband access, video surveillance and other requirements and design a GPON/EPON Gigabit Ethernet products. The box is based on the mature Gigabit GPON/EPON technology, highly reliable and easy to maintain, with guaranteed QOS for different service. And it is fully compliant with technical regulations such as ITU-T G.984.x and IEEE802.3ah.