




V2801SG / V2801RD

1*XPON+1GE ONU

Key Features:


XPON Dual Mode
Automatically Access to
EPON/GPON


Detecting
Rogue ONU


Powerful Firewall


Wide Working Temp
-30°C~+70°C

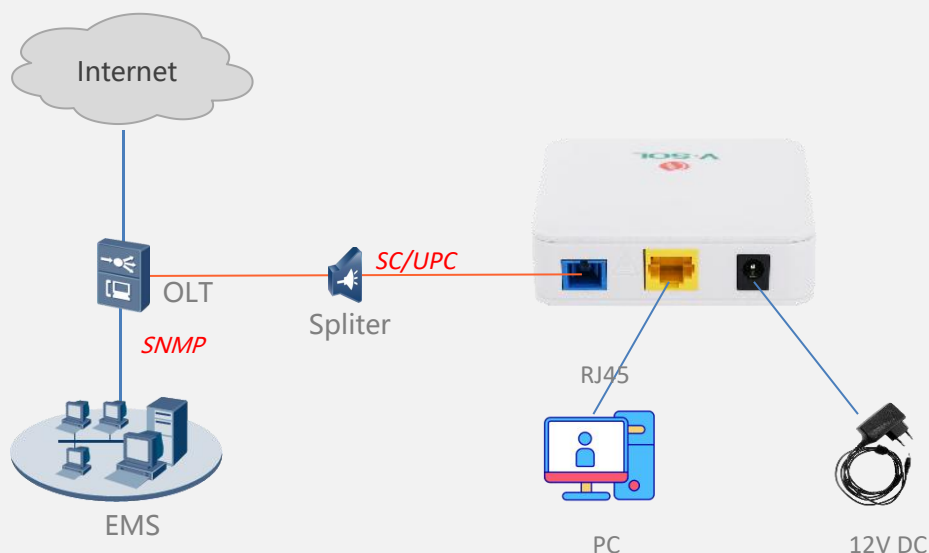


Introduction:

V2801SG / V2801RD(XPON 1GE ONU) is support Dual mode(EPON and GPON), It can also be applied to a wide temperature environment, and also has a powerful firewall function.

V2801SG / V2801RD(XPON 1GE ONU) 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.

Application Chart:



○ Hardware Parameter

Dimension	82mm×82mm×25m(L×W×H)
Net weight	0.085Kg
Operating condition	<ul style="list-style-type: none"> • Operating temp: -30 ~ +70°C • Operating humidity: 10 ~ 90% (non-condensed)
Storing condition	<ul style="list-style-type: none"> • Storing temp: -30 ~ +70°C • Storing humidity: 10 ~ 90% (non-condensed)
Power adapter	DC 12V, 0.5A, external AC-DC power adaptor
Power supply	≤4W
Interfaces	1GE
Indicators	SYS, LINK/ACT, REG

○ Interface Parameter

PON interface	<ul style="list-style-type: none"> • 1XPON port(EPON PX20+ and GPON Class B+) • SC single mode, SC/UPC connector • TX optical power: 0~+4dBm • RX sensitivity: -27dBm • Overload optical power: -3dBm(EPON) or -8dBm(GPON) • Transmission distance: 20KM • Wavelength: TX 1310nm, RX1490nm
LAN interface	2*GE, Auto-negotiation RJ45 connectors

○ Function Data

XPON Mode	Dual mode,Auto-access to EPON/GPON OLT
Uplink Mode	Bridging and Routing Mode
Abnormal protection	Detecting Rogue ONU, Hardware Dying Gasp
Firewall	DDOS, Filtering Based on ACL/MAC/URL

○ Product Feature

Basic	<ul style="list-style-type: none"> • Support MPCP discover&register • Support authentication Mac/Loid/Mac+Loid • Support Triple Churning • Support DBA bandwidth • Support auto-detecting, auto-configuration, and auto firmware upgrade • Support SN/Psw/Loid/Loid+Psw authentication
Alarm	<ul style="list-style-type: none"> • Support Dying Gasp • Support Port Loop Detect • Support Eth Port Los
LAN	<ul style="list-style-type: none"> • Support Port rate limiting • Support Loop detection • Support Flow control • Support Storm control
VLAN	<ul style="list-style-type: none"> • Support VLAN tag mode • Support VLAN transparent mode • Support VLAN trunk mode(max 8 vlans) • Support VLAN 1:1 translation mode(≤8 vlans) • Auto VLAN detection
Multicast	<ul style="list-style-type: none"> • Support IGMPv1/v2/Snooping • Max Multicast vlan 8 • Max Multicast Group 64
QOS	<ul style="list-style-type: none"> • Support 4 queues • Support SP and WRR • Support 802.1P
L3	<ul style="list-style-type: none"> • Support IPv4 • Support DHCP/PPPOE/Static IP • Support Static route • Support NAT
Management	<ul style="list-style-type: none"> • Support CTC OAM 2.0 and 2.1 • Support ITUT984.x OMCI • Support WEB • Support TELNET • Support CLI

Product Name	Product Description	Accessories
V2801SG/V2801RD	1GE	AC-DC power adaptor: DC12V/0.5A