

V2801S-B / V2801RD

1*XPON+1GE ONU

Key Features:

XPON

XPON Dual Mode
Automatically Access to
EPON/GPON

Detecting
Rogue ONU

Powerful Firewall

Wide Working Temp
-10℃～+55℃

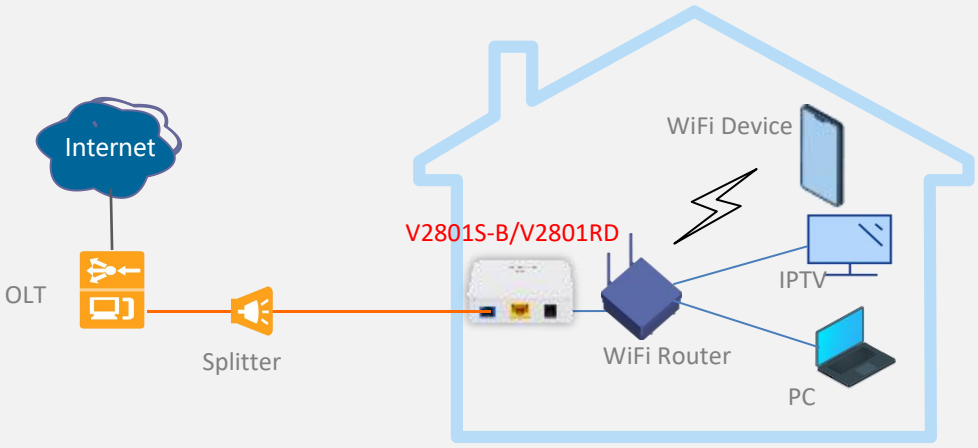
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Introduction:

V2801S-B / V2801RD(XPON 1GE ONU) is specially designed to meet the needs of telecom operators for FTTO (office), FTTD (desktop), FTTH (home), SOHO broadband access, video surveillance, etc. The ONU is based on high-performance chip technology solutions, and supports Layer 2/Layer 3 functions, providing data services for carrier-grade FTTH applications.

The ONT has high reliability and can be applied to a wide temperature environment; and has a powerful firewall function, which is easy to manage and maintain. It can provide QoS guarantee for different services. The ONT complies with international technical standards such as IEEE802.3ah and ITU-T G.984.

Application Chart:



Hardware Parameter

Dimension	82mm×82mm×25mm(L×W×H)
Net weight	0.085Kg
Operating condition	• Operating temp: -10 ~ +55°C • Operating humidity: 5 ~ 95% (non-condensing)
Storing condition	• Storing temp: -40 ~ +70°C • Storing humidity: 5~ 95% (non-condensing)
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	• 1 XPON port(EPON PX20+ & 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	1*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	• 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	• Support Dying Gasp • Support Port Loop Detect • Support Eth Port Los
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(max 8 vlans) • Support VLAN 1:1 translation mode(≤8 vlans)
Multicast	• Support IGMPv1/v2/Snooping • Max Multicast vlan 8 • Max Multicast Group 64
QOS	• Support 4 queues • Support SP and WRR • Support 802.1P
L3	• Support IPv4/IPv6 • Support DHCP/PPPOE/Static IP • Support Static route • Support NAT
Management	• Support CTC OAM 2.0 and 2.1 • Support ITUT984.x OMCI • Support WEB • Support TR069 • Support TELNET • Support CLI

Ordering Information:

Product Name	Product Description	Accessories
V2801S-B/V2801RD	1GE	AC-DC power adaptor: DC12V/0.5A