

V2801Q

1*XPON+1*2.5GbE ONU

Key Features:

XPON Dual Mode
Automatically Access to EPON/GPON

2.5GbE LAN port

Powerful Firewall

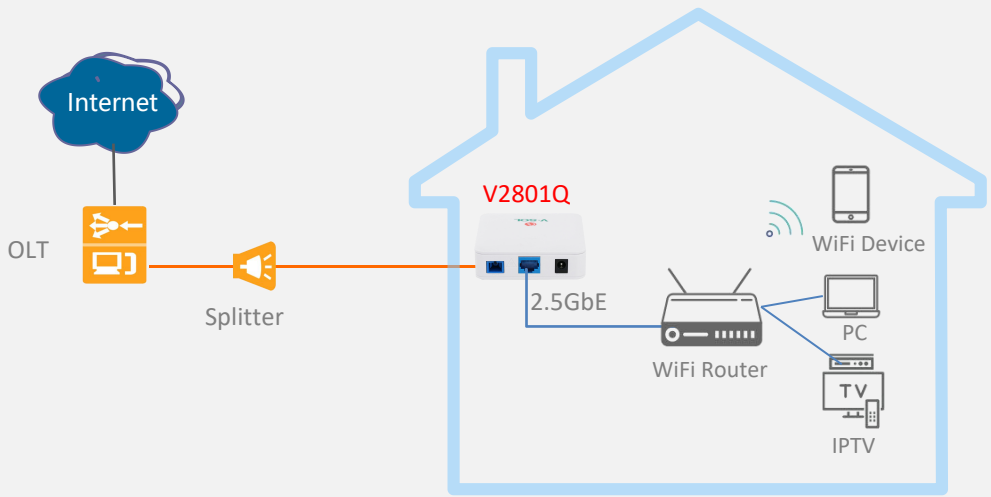
Wide Working Temp
-10℃～+55℃

Introduction:

V2801Q(XPON 2.5GbE ONU) is specially designed to meet the needs of telecom operators for FTTO (office), FTTD (desktop), FTTH (home), SOHO broadband access, video surveillance, etc. This ONU is based on a high-performance chip solution and has a 2.5GbE port, which can provide users with a high-speed network experience and truly realize Gigabit to the desktop.

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	NA
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	2.5GbE
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*2.5GbE, 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
V2801Q	1*XPON+1*2.5GbE	AC-DC power adaptor: DC12V/0.5A