



V2801RE / V2801SE

1*EPON+1GE ONU

Key Features:



Detecting
Rogue ONU



Powerful Firewall



Wide Working Temp
-30°C~+60°C

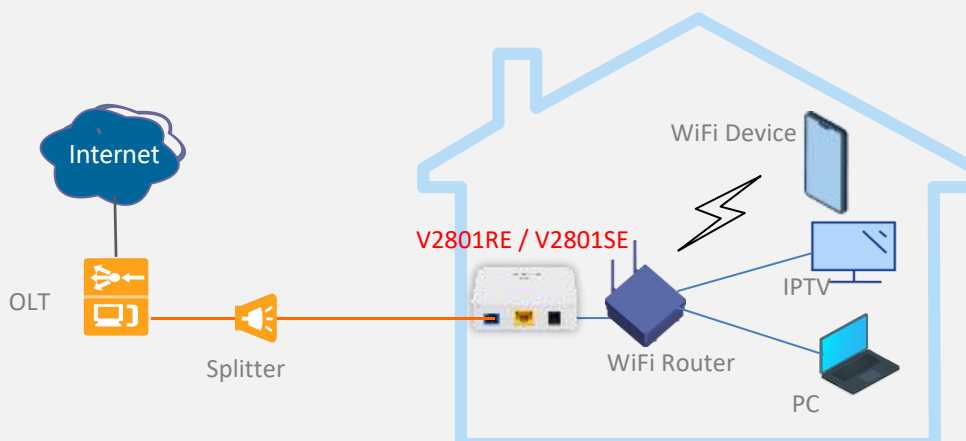


Introduction:

V2801RE / V2801SE(EPON 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 ONU 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 ONU complies with international technical standards such as IEEE802.3ah.

Application Chart:



○ Hardware Parameter

| | |
|---------------------|---|
| Dimension | 82mm×82mm×25mm(L×W×H) |
| Net weight | 0.085Kg |
| Operating condition | <ul style="list-style-type: none"> Operating temp: -10 ~ +55°C Operating humidity: 5 ~ 95% (non-condensing) |
| Storing condition | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 1 EPON port(EPON PX20+) SC single mode, SC/UPC connector TX optical power: 0~ +4dBm RX sensitivity: -27dBm Overload optical power: -3dBm(EPON) Transmission distance: 20KM Wavelength: TX 1310nm, RX1490nm |
| LAN interface | 1*GE, Auto-negotiation RJ45 connectors |

○ Function Data

| | |
|---------------------|--|
| EPON Mode | Auto-access to EPON 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) |
| 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/IPv6 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 WEB Support TELNET Support CLI |

| Product Name | Product Description | Accessories |
|-------------------|---------------------|---------------------------------|
| V2801RE / V2801SE | 1GE | AC-DC power adaptor: DC12V/0.5A |