

V2801RGW

1*XPON+1GE+WiFi 4 ONT

Key Features:

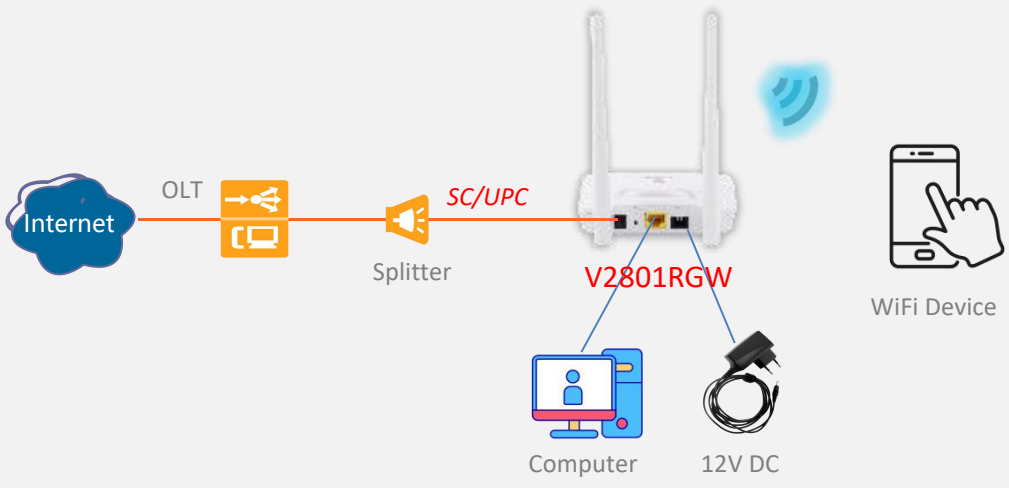
- Realtek Chipset
  High Performance Solution
- IEEE802.3ah EPON
  or ITU-TG.984.X GPON
  Standard
- WiFi IEEE802.11b/g/n
  2T2R 5dBi Antenna
- Powerful Firewall

Introduction:

V2801RGW(1GE+WiFi 4 XPON ONT) is specially designed to meet the access requirements of telecom operators such as FTTH and SOHO. The ONT is based on a high-performance chip solution (Realtek), supports mature IEEE 802.11 b/g/n WiFi 4 technology, and also supports Layer 2/Layer 3 functions, providing data services for carrier-grade FTTH applications.

The ONT has high reliability and is easy to manage and maintain. It has QoS guarantees for different services. It complies with international technical standards such as IEEE802.3ah, ITU-T G.984, etc.

Application Chart:



Hardware Parameter

Dimension	120mm×78mm×30mm(L×W×H)
Net weight	0.15Kg
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, 1A, external AC-DC power adaptor
Power supply	≤6W
Interfaces	1GE+WIFI4
Indicators	POWER, LOS, PON, LAN, WiFi

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
LAN interface	1*GE Auto-negotiation RJ45 ports
WiFi interface	• IEEE802.11b/g/n(TX power:17dBm/16dBm/15dBm),300Mbps • Support 13 Channels

Product Feacture

PON mode	XPON Dual mode , Can access to mainstream EPON/GPON OLTs
Software mode	Routing mode
WiFi	• WiFi Authentication:WEP/WAP-PSK(TKIP)/WAP2-PSK(AES) • Support: multiple SSID
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 Name	Product Description	Accessories
V2801RGW	1GE+WiFi 4	AC-DC power adaptor: DC12V/1A