

SOFTTEL



Features: -----

- Compliance with IEEE 802.3ah(EPON) & ITU-T G.984.x(GPON) standard
- Compliance with IEEE802.11b/g/n/ 2.4G WIFI standard
- Support IPV4 & IPV6 Management and transmission
- Support TR-069 remote configuration and maintenance
- Support Layer 3 gateway with hardware NAT
- Support Multiple WAN with Route/Bridge mode
- Support Layer 2 802.1Q VLAN, 802.1P QoS, ACL etc
- Support IGMP V2 and MLD proxy/ snooping
- Support DDNS, ALG, DMZ, Firewall and UPNP service
- Support CATV interface for video service
- Support POTS interface for VOIP service
- Support bi-directional FEC

ONT-2GF-V-RFW

XPON HGU

1GE+1FE+CATV+WIFI(2.4G)+1POTS

Product Introduction

ONT-2GF-V-RFW is a residential gateway device with routing functions for XPON ONU and LAN Switch for residential and SOHO users, which is in line with ITU-T G.984 and IEEE802.3ah.

The uplink of ONT-2GF-V-RFW provides one PON interface, while downlink provides two Ethernet one POTS and RF interface. It can realize optical access solutions such as FTTH (Fiber To The Home) and FTTB (Fiber To The Building). It fully integrates the reliability, maintainability and security design of carrier-grade equipment, and provides customers with the last kilometer of broadband access to residential and corporate customers.

Highlights: -----

- Support docking compatibility with OLT of various manufacturers
- Support automatically adapt to the EPON or GPON mode used by the peer OLT
- Support 2.4 WIFI
- Support multiple WIFI SSID
- Support multiple wan configuration
- Support WAN PPPoE/DHCP/Static IP/Bridge mode.
- Support CATV video service
- Support fast transmission of hardware NAT

Hardware Specifications:-----

- interface: 1* G/EPON+1*GE+1FE+2.4G WLAN+1*RF+1*FXS
- Power adapter input: 100V-240V AC, 50Hz-60Hz
- Power Supply: DC 12V/1A
- Indicator light: POWER/PON/LOS/LAN1/ LAN2 /WIFI/FXS/RF/OPT
- Button: Power switch Button, Reset Button, WLAN Button,
- Power Consumption: <18W
- Working temperature: -20°C ~ +55°C
- Environment humidity: 5% ~ 95% (non-condensing)
- Dimension: 168mm x 114mm x 27mm (L×W×H Without antenna)
- Net Weight: 0.25Kg

PON Interface:-----

- Interface Type: SC/APC, CLASS B+
- Transmission distance: 0~20km
- Working wavelength: Up 1310nm; Down 1490nm; CATV 1550nm
- RX Optical power sensitivity: -27dBm
- Transmission rate:
GPON: Up 1.244Gbps; Down 2.488Gbps
EPON: Up 1.244Gbps; Down 1.244Gbps

Ethernet Interface :-----

- Interface type: 2* RJ45
- Interface parameters:
10/100/1000BASE-T+10/100BASE-T

Wireless:-----

- Interface type: External 2*2T2R External antenna
- Antenna gain: 5dBi
- Interface maximum rate:
2.4G WLAN: 300Mbps
- Interface working mode:
2.4G WLAN: 802.11 b/g/n

CATV Interface:-----

- Interface type: 1*RF
- Optical receiving wavelength: 1550nm
- RF output level : 80 ± 1.5 dBuV
- Input optical power: +2~-15dBm
- AGC range: 0~-12dBm
- Optical reflection loss: >14
- MER: >31@-15dBm

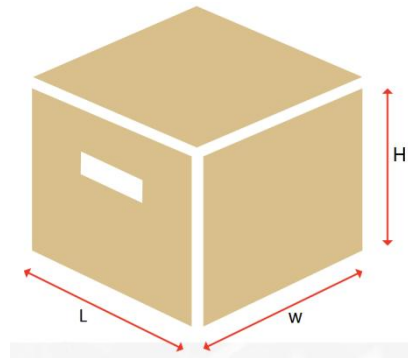
POTS Interface:-----

- Interface type: 1*FXS , RJ11 connector
- Support G.711 codec

Packing list: -----

- ONU * 1 PC
- Power adaptor *1 PC
- Network cable *1 PC
- Box *1 PC

Packing size: -----



Measurement: 22.5 * 16 *8cm, 0.44kg

Interface and Button: -----



Application Scenario:

