



Features: -----

- Compliance with IEEE 802.3ah(EPON) & ITU-T G.984.x(GPON) 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 DDSN, ALG, DMZ, Firewall and UPNP service
- Support bi-directional FEC
- Support VEIP and PPTP

ONT-1GE

XPON HGU 1GE

Product introduction

ONT-1GE 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-1GE provides one PON interface, while downlink provides one Ethernet. 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 multiple wan configuration
- Support WAN PPPoE/DHCP/Static IP/Bridge mode.
- Support fast transmission of hardware NAT

Hardware Specifications:-----

- interface: 1* G/EPON+1*GE
- Power adapter input: 100V-240V AC, 50Hz-60Hz
- Power Supply: DC 12V/0.5A
- Indicator light: POWER/PON/LOS/LAN1
- Button:Reste Button
- Power Consumption: <18W
- Working temperature: -20℃~+50℃
- Environment humidity: 5% ~ 95%
(non-condensing)
- Dimension: 78mm x 78mm x 21mm
(L×W×H Without antenna)
- Net Weight: 0.06Kg

PON Interface: -----

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

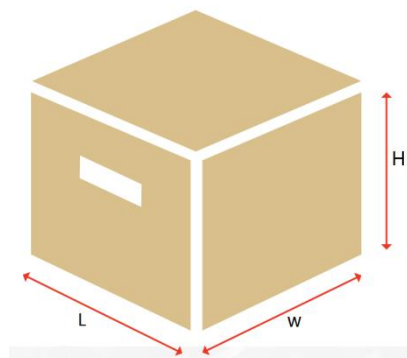
Ethernet Interface : -----

- Interface type: 1* RJ45
- Interface parameters: 10/100/1000BASE-T

Packing list: -----

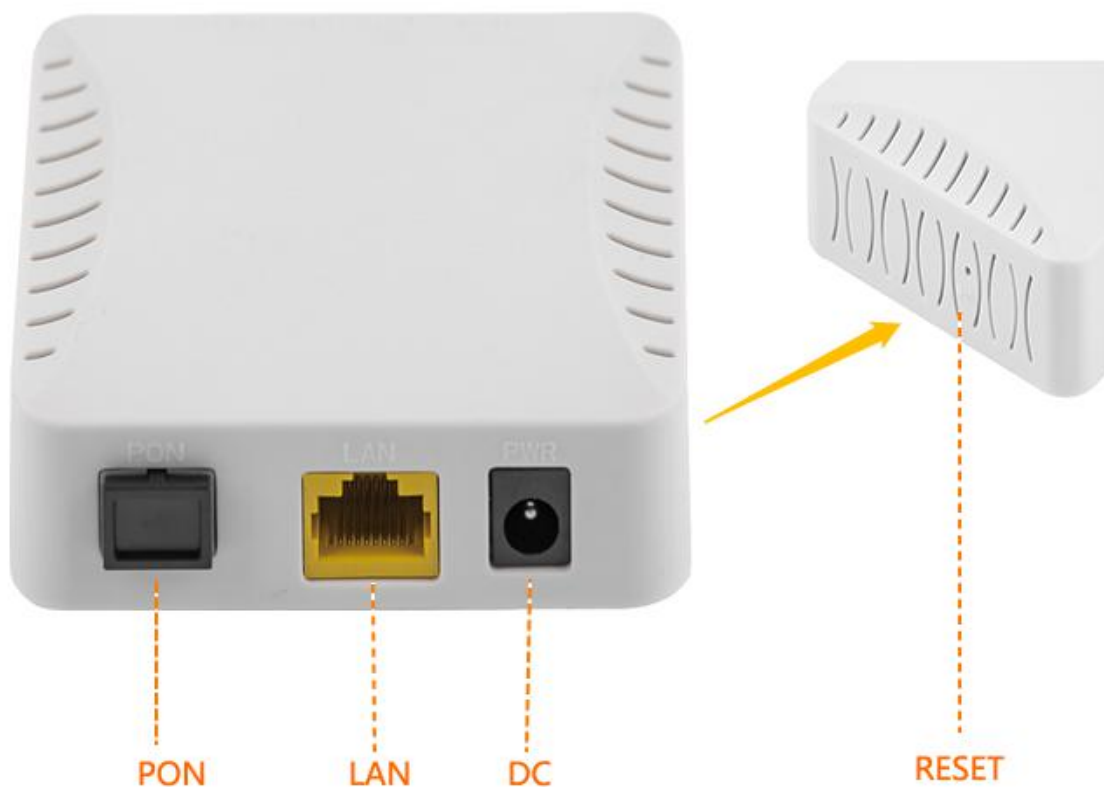
ONU * 1 PC
Power adaptor *1 PC
Box *1 PC

Packing size: -----



Measurement: 16.4 *10.8 * 4.6cm, 0.19kg

Interface and Button: -----



Application Scenario: -----

