ONU HG1001 (P3)

Overview:

HG1001 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 HG1001 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

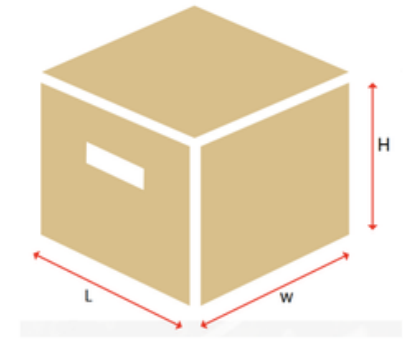


Specifications

1. Main features

General	
Protocol Standards	ITU-T G.984.x, IEEE802.3ah
Distance	20Km Max
Date Rates	1 GPON/EPON auto-adaptive interface, SC single-mode/single-fiber:Work as GPON: Upstream rate 1.25Gbps Downstream rate 2.5Gbps Work as EPON: Upstream rate 1.25Gbps Downstream rate 1.25Gbps
PON TX Power	1～5dBm (1310nm)
PON RX Sensitivity	<-28dBm (1490nm)
Power	≤ 5W
Hardware	
Interfaces	1 x SC/UPC or 1 x SC/APC (optional)1 x 10/100/1000Mbps LAN port
Indicator light	POWER/PON/LOS/LAN1
Buttons	Reset Button
Power Supply	DC 12V 0.5A
Dimensions (W x D x H)	78*78*21mm (length*width*height)
Net Weight	0.06kg
Environment	
Operating Temperature	-20℃～+50℃
Storage Temperature	-40°C ～ 50°C
Environment Humidity	5% ～ 95%, non-condensing
Certifications	CE, RoHS, QoS
Software	
• WAN Type: Dynamic IP/Static IP/PPPoE • 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 DDNS, ALG, DMZ, Firewall and UPNP service • Support bi-directional FEC • Support VEIP and PPTP	
Package Contents	
Items	1 x GPON ONT x Quick Installation Guide1 x Power Adapter

2. Packing size, Interface and button



Measurement: 16.4 *10.8 * 4.6cm, 0.19kg

