

xPON Daul Mode ONU 4GE Port ONT-4GE



Product Description:

ONT-4GE (XPON 4 GE ONU) supports Dual mode(XPON) , It can also be applied to a wide temperature environment , and also has a powerful firewall function.

ONT-4GE (XPON 4 GE ONU) meets telecom operators FTTO (office), FTTD (Desk) , FTTH(Home) broadband speed , SOHO broadband access, video surveillance and other requirements and design a GPON/EPON Gigabit Ethernet products . The box is based on the mature Gigabit GPON/EPON technology, highly reliable and easy to maintain, with guaranteed QOS for different service. And it is fully compliant with technical regulations such as ITU-T G.984.x and IEEE802.3ah.SFP with SC/PC Connector Transceiver.

Technical Parameters:

Hardware Parameter	
Dimension	130mm*110mm*30mm(L*W*H)
Net weight	TBD
Operating condition	<ul style="list-style-type: none"> Operating temp: 0 ~ +50°C Operating humidity: 5 ~ 90% (non-condensed)
Storing condition	<ul style="list-style-type: none"> Storing temp: -30 ~ +60°C Storing humidity: 5 ~ 90% (non-condensed)
Power adapter	DC 12V/ 1A, external AC-DC power adaptor
Power supply	≤ 12W
Interfaces	4GE
Indicators	PWR, PON, LOS, LAN1~LAN4
Interface Parameter	
PON interface	<ul style="list-style-type: none"> 1 XPON port(EPON PX20+ & GPON Class B+) SC single mode, SC/UPC connector TX optical power: 0~+4 dBm RX sensitivity: -27 dBm Overload optical power: -3dBm(EPON) or - 8 dBm(GPON) Transmission distance: 20 KM Wavelength: TX 1310nm, RX1490nm
LAN interface	4 * GE, Auto-negotiation RJ45 connectors

Function Data	
XPON Mode	Dual mode, Auto-access to EPON/GPON 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) • Auto VLAN detection
Multicast	<ul style="list-style-type: none"> • Support MLD • Support IGMPv 1/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 ITUT984 .x OMCI • Support TR069/WEB/TELNET/CLI

Network Application:

