

Description

OLT1000 4 Pon ports

OLT1000 is the telecommunication-level product compliant to IEEE802.3ah standard. With its legible secondary network structure, OLT1000 provides high- speed data and IP integrated services for users. It is a cost-effective, operational, manageable and easy-maintained optical access network product. OLT1000 adopts 1U standard rack-mountable platform and provides two 10/100/1000BASE-TX interface and two extended 1000BASE-LX/SX optical interface. PON can be allocated with 4 cards to offer more selectivity and practicability for users



Features

Safety

- ONU isolation and Physical isolation among ONU ports compliant to 802.3ah standard;;
- Support triple churning encryption;
- Support Uplink/downlink applicable to 128 bits AES secure transmission;
- Support MAC、IP、 Protocol data message filtering and processing;
- Support ONU authentication management and key management;

Function of self-contained network administrator

- Support compact local CLI serial port management;
- Support SNMP graphical interface network management;
- Support remote management way of TELNET, TFTP;
- Command lines style consistent with the industry;
- Internally install the network administrator base on the graphical interface WEB;
- Support Remote online upgrade;
- Support OOB management;
- Support remote diagnosis and rapid fault location for terminals;

All-round QoS safeguard

- Support 802.1P protocol, 8 level CoS queue, IPv4 ToS priority level;
- UPLINK applicable to 802.3X flow control priority;
- Speed restriction in PON port 、 ONU port, minimal granularity 128Kbps;
- Applicable to DBA, flexible to dispose maximum bandwidth, guaranteed bandwidth and priority;
- 10 level SLA, appoint SLA for each ONU

Summary	16Gbps Processing capacity Max supply 128(ONU)1x32 ratio CATV(47-860MHz) Max.20KM(OLT-ONU)
Uplink ports	2 routes 10/100/1000M Ethernet interface 2 routes 1.25Gbps SFP Interface
PON interface	Single Pon card supply 1 Pon ports SC/APC
Working wavelength	Tx.1490nm Rx.1310nm CATV:1550nm
Control interface	RJ45(RS232)

Gigabit Ethernet Passive Optic Network

OLT1000 4 Pon Ports Optic Line Terminal	
Network management interface	RJ45(10/100M)
Size	440mmX385mmX43.6mm
Weight	3.2Kg
Consumption	65w
Supply Voltage	-48VDC or 220VAC
Working temperature	0~+45℃
Relative humidity	+5%~+85%
Other	IEEE802.3-2005 VLAN802.1Q&802.1P IGMP Snooping RSTP(802.1W) QoS ACL