Secureye

DATASHEET

1G XPON ONU

S-XPON-1000-ONT-R-N

Product Overview:

S-XPON-1000-ONT-R-N ONU supports Dual mode(EPON and GPON), It can also be applied to a wide temperature environment, and also has a powerful firewall function.

G/EPON 1GE 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.

Special Features:

- Dual Mode(can access gpon/epon olts).
- Compatible with popular OLTs
- Industrial Design
- Routing or Bridging Mode
- Detecting Rogue ONU
- Flow & Storm Control , Loop Detection
- Firewall: DDOS, Filtering Based on ACL/MAC/URL
- O&M: WEB/TELNET/OAM(OMCI)/TR069

SPECIFICATION	S-XPON-1000-ONT-R-N
PON interface	1 G/EPON port(EPON PX20+ and GPON Class B+) Wavelength:Tx1310nm,Rx 1490nm SC/UPC connector Receiving saturation:≥-8dBm Receiving sensitivity: ≤-28dBm Transmitting optical power: 0~+4dBm Transmission distance: 20KM
LAN Interface	1 x 10/100/1000Mbps auto adaptive Ethernet interfaces.10/100/1000M Full/Half, RJ45 connector
LED	3, For Status of REG, SYS, LINK/ACT
Operating Condition	Temperature: -30℃ ~ +70℃ Humidity: 10% ~ 90% (non-condensing)
Storing Condition	Temperature : -30℃ ~ +70℃ Humidity :10% ~ 90% (non-condensing)
Power Supply	DC 12V/0.5A
Power Consumption	≤4W
Dimension	82mm×82mm×25mm (L×W×H)
Net weight	85g
Software Parameters	
Basic	Support MPCP discover®ister Support authentication Mac/Loid/Mac+Loid Support Triple Churning Support DBA bandwidth Support auto-detecting, auto-configuration, and auto firmware upgrade Support authentication SN/Psw/Loid/Loid+Psw
Alarm	Support Dying Gasp Support Port Loop Detect Support Eth Port Los
LAN	Support Port rate limiting Support Loop detection Support Flow control Support Storm control
VLAN	Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode(max 8 vlans) Support VLAN 1:1 translation mode(max 8 vlans)

	Auto VLAN detection
Multicast	Support IGMPv1/v2 Support IGMP Snooping Max Multicast vlan 8 Max Multicast Group 64
QoS	Support 4 queues Support SP and WRR Support 802.1P
L3	Support Ipv4 Support DHCP/PPPOE/Static IP Support Static route Support NAT
Management	Support CTC OAM 2.0 and 2.1 Support ITUT984.x OMCI Support WEB Support TELNET Support CLI
Throughput	Upstream >900Mbps Downstream >960Mbps
Paquete perdido	14Hours /Lost 0