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FTTH XPON ONT 2LAN/WAN

ST-XP115

Key Features :

XPON Dual Mode Automatically Access to EPON/GPON

Detecting Rogue ONU

2.5GbE LAN Port

Wide Working Temp -20℃ ~ +60℃

Product Overview

ST-XP115 (1*2.5GE+1GE XPON ONT) is specially designed to meet the needs of telecom operators for FTTO (office), FTTD (desktop), FTTH (home), SOHO broadband access, video surveillance, etc. It is based on mature XPON technology, high reliability, easy maintenance,and can provide QoS guarantee for different services. The ONT's 2.5GE network port can fully meet the high access bandwidth requirements of WIFI 6 technology, AR/VR technology, 8K video and other technologies, and can bring fast Internet access experience and lower Internet latency for home users and enterprise users.

The ONT has high reliability and is easy to manage and maintain. It complies with the China Telecom CTC2.1/3.0 and international technical standards such as IEEE802.3ah and ITU-T G.984.

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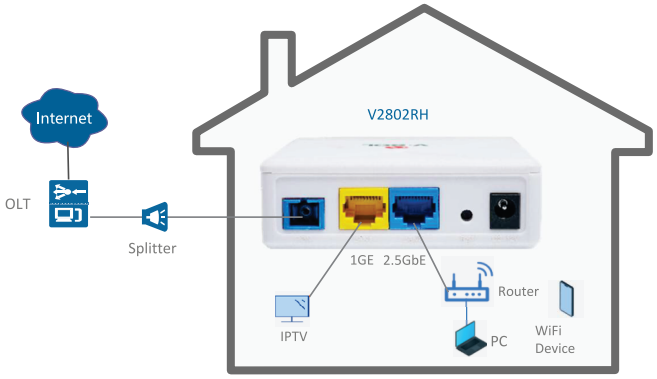
Product Feature	
Basic	• Support MPCP discover&register • Support authentication Mac/Loid/Mac+Loid • Support Triple Churning • Support DBA bandwidth • Support auto-detecting, auto-configuration, and auto firmware upgrade • Support SN/Psw/Loid/Loid+Psw authentication
Alarm	• Support Dying Gasp • Support 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(≤8 vlans) • Auto VLAN detection
Multicast	• Support IGMPv1/v2/Snooping • Max Multicast vlan 8 • Max Multicast Group 64
QOS	• Support 4 queues • Support SP and WRR • Support 802.1P
L3	• Support IPv4/IPv6 • Support DHCP/PPPOE/Static IP • Support Static route • Support NAT
Management	• Support CTC OAM 2.0 and 2.1 • Support ITUT984.x OMCI • Support TR069/WEB/TELNET/CLI

Application Chart:



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Hardware Parameter	
Dimension	100mm* 92mm*29.5mm(L*W*H)
Net weight	0.13KG
Operating condition	• Operating temp: -20 ~ +60°C • Operating humidity: 10 ~ 90% (non-condensing)
Storing condition	• Storing temp:-30 ~ +70°C • Storing humidity: 10 ~ 90% (non-condensing)
Power adapter	DC 12V, 0.5A, external AC-DC power adaptor
Interfaces	1*2.5GbE+1*GE
Indicators	POWER, PON, LOS, WAN, LAN1, LAN2
Interface Parameter	
PON interface	• 1 XPON port(EPON PX20+ & GPON Class B+) • SC single mode, SC/UPC connector • TX optical power: 0~+4dBm • RX sensitivity: -27dBm • Overload optical power: -3dBm(EPON) or -8dBm(GPON) • Transmission distance: 20KM • Wavelength: TX 1310nm, Rx1490nm
LAN interface	1*2.5GbE+1*GE(Option), Auto-negotiation Rj45 connectors
Button	Reset
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

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توجه :
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