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FTTH 1GE GPon EPon Dual Mode XPon ONU ONT Mini Optical Network Terminal Unit

ST-XP110

Key Features :

GPON → EPON	TR-069	🌡	▭
XPON Dual Mode	Protocol TR069	0℃ ~ +50℃	1 GE Rj45

Product Overview

- Support port-based rate limitation and bandwidth control
- In compliant with IEEE802.3ah &ITU-TG984 adaptiveinterface
- Up to 20KM transmission distance
- Support data encryption, group broadcasting, port Vlan separation etc.
- Support Dynamic Bandwidth Allocation (DBA)
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support port mode of VLAN configuration

- Support power-off alarm function easy for link problem detection
- Support broadcasting storm resistance function
- Support port loop detection
- Support ACL to configure data packet filter flexibly
- Support PPPoE/DHCP Server/IPTV/NAT
- Specialized design for system breakdown prevention to maintain stable system
- Support software online upgrading
- Support mac/port/uri filter

Technical Parameter

Module	Prameter
User interface	1*10,100,1000M RJ45
PON	EPON&GPON mode adaptive Interface Type: SC-UPC,SC-APC Network coverage radius: 20KM GPON: upstream 1.25Gbps/downstream 2.5Gbps. Optical receive sensitivity:≥-7~-28dBm Continuous light power: 0.5dBm~+5dBm EPON: upstream 1.25Gbps/downstream 1.25Gbps. Optical receive sensitivity:≥-7~-27dBm Continuous light power: 0dBm~4dBm
Ethernet	1*10/100/1000M auto-negotiation Full/half duplex mode RJ45 connector Auto MDI,MDI-X 100m distance
Size	105mm(L) ×85mm(W) ×25mm(H)
Environment	Operating temperature:0°C~60°C Operating humidity: 10%~85% (non-condensing) Storage temperature:-40°C~80°C Storage humidity:5%~95% (non-condensing)
Power supply	12V,0.5A DC power interface size:2.1mm,5.5mm
Power	<3W
Man	Web/TELNET/TR069/OAM/OMCal

Product Interfaces and Indicators Definitions

Indicator			Indicator
1	POW	Power Status	On: The ONU is power on Off: The ONU is Power off
2	PON	ONU Register	On: Success to register to OLT Blinking: In process of registering to OLT Off: Fail to register to OLT
3	LOS	Optical Signals	On: Optical power is abnormal Off: Optical in normal
4	LAN	LAN Past Status	On:Ethernet connection is normal Blinking: Data is being transmitted Off: Ethernet connection is not set up

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