TECHNICAL DATA SHEET

XPON 1GE+1FE+POTS ONU

Overview

XPON 1GE+1FE+1POTS ONU meets telecom operators FTTO (office), FTTD (Desk), FTTH(Home) broadband speed, SOHO broadband access, video surveillance and other requirements and design a XPON Gigabit Ethernet products. The box is based on the mature Gigabit XPON 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.Good third-party compatibility when used with third-party OLTs such as Huawei/ZTE/ Fiberhome/BDCOM OLT.

Model No: NTPL-XPON1GFEV
Features

► Plug and play, features auto-detecting, auto-configuration, and auto firmware upgrade.
► Integrated OAM remote configuration and maintenance function.
► Support rich QinQ VLAN functions and IGMP Snooping multicast features.
► Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset.
► Support NAT, Firewall function.
► Support IPv4 and IPv6 dual stack.
► Integrated line testing compliant with GR-909 on POTS.

Product   LED definitions

Indicator			Description
1	Power	Power status	On: The ONT is power on;

			Off: The ONT is Power off;
2	PON	ONU Register	On: Success to register to OLT; Blinking: In process of registering to OLT; Off: In process of registering to OLT;
3	LOS	XPON optical signals	Blinking: Optical power lower than receiver sensitivity ; Off: Optical in normal
4	Phone	Tel status	On: Success to register to SIP Server; Off: In process of registering to SIP Server;
5	LAN1~LAN2	LAN port status	On: Ethernet connection is normal; Blinking: Data is being transmitted through the Ethernet port; Off: Ethernet connection is not set up;

Specification

echnical item	1GE+1FE+1POTS XPON ONU
PON interface	1 E/GPON port Wavelength:Tx1310nm,Rx 1490nm SC/UPC connector Receiving sensitivity: ≤-28dBm Transmitting optical power: 0~+4dBm Transmission distance: 20KM
LAN interface	1 x 10/100/1000Mbps and 1 x 10/100Mbps auto adaptive Ethernet interfaces. Full/Half, RJ45 connector
POTS interface	1 FXS, RJ11 connector Support: G.711/G.723/G.726/G.729 codec Support: T.30/T.38/G.711 Fax mode, DTMF Relay Line testing according to GR-909

TECHNICAL DATA SHEET

LED	For Status of Power, PON, LOS,Phone,INTERNET,LAN 1,LAN2
Operating condition	Temperature: 0℃～+50℃ Humidity: 10%～90%（non-condensing）
Storing condition	Temperature : -30℃～+60℃ Humidity :10%～90%（non-condensing）
Power supply	DC 12V,1A/1.5A
Power consumption	≤7W
Dimension	110mm×90mm×25mm（L×W×H）

Network Construction