

FEATURE

- Support ITU-T G.984 Standard
- Auto discovery EPON/GPON OLT
- Supports 32 TCONT, 256 GEM ports
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Integrated remote configuration and maintenance function.
- Fully compatibility with GPON OLT with different chipsets.
- Support port monitoring, port mirroring, port rate limiting .
- Support auto polarity detection of Ethernet ports (AUTO MDIX)
- Support VLAN division and user separation to avoid broadcast storm
- Support broadcasting storm resistance function



OVERVIEW

FO-414 GPON/XPON ONT is designed for fulfilling FTTH ultra-broadband access request of home and users.

FO-414 supplies one 10/100/1000M RJ45 Ethernet port and three 10/100M RJ45 ports. It is based on the stable and mature GPON/XPON technology, which has high performance/price ratio, and the technology of layer 2 as well.

It supports both GPON and EPON OLT, auto discovery and register. It is highly reliable and easy to maintain, with guaranteed QoS, and fully compliant to ITU-T G.984 GPON standards.

SPECIFICATION

Technical items	Description
Mainchip	ZTE
Uplink PON interface	1 GPON interface, SC single-mode/single-fibre, uplink 1.25Gbps, downlink 2.5Gbps
Downlink LAN interface	1* 10/100/1000Mbps 3* 10/100Mbps Full Duplex/Half Duplex, RJ45 connector
Wavelength	Tx 1310nm, Rx 1490nm
Optical power	0~+4dBm
Receiving sensitivity	-27dBm
Max transmission distance	20km
Cache space	1.25MB
MTBF	100,000 hours
GPON trait	ITU-T G984 Standard Supports 32 TCONT, 256 GEM ports Support the 984 standard AES128 encryption function Support SBA and DBA
Network management	WEB management, with IP

WORKING ENVIRONMENT

Parameter	Specification
Power	DC12V/1A (outside power)
Power consumption	3.5W
Operating temperature	-10—55 °C
Storage temperature	-40—70 °C
Humidity	5%~90% non-condensing
Dimension	146mm(length) * 105mm(width) * 35mm(height)
Net weight	0.2Kg
Gross weight	0.4Kg

ORDER INFOMATION

PRODUCT	PART NUMBER
XPON ONT , 1GE+3FE	FO-414