

FEATURE

- Support ITU-T G984 Standard
- Auto discovery EPON/GPON OLT
- Supports 32 TCONT,256 gemports
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Integrated remote configuration and maintenance function.
- Functions like transceiver diagnostic monitoring, transmitter disable, etc
- Fully compatibility with GPON OLT with different chipsets.
- Support port monitoring, port mirroring, port rate limiting etc.
- 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-401GS GPON/XPON ONT is designed for fulfilling FTTH ultra-broadband access request of home and users. It is based on the stable and mature GPON 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
Main chip	ZTE/RTL
Uplink PON interface	1 GPON interface, SC single-mode/single-fibre, uplink 1 .25Gbps, downlink 2.5Gbps
Downlink LAN interface	1* 10/100/1000Mbps Full Duplex/Half Duplex, RJ45 connector
Wavelength	Tx 1310nm, Rx 1490nm
Optical power	0~+4dBm
Receiving sensitivity	-27dBm
Max transmission distance	20 km
Cache space	1.25MB
MTBF	100,000 hours
GPON trait	ITU-T G984 Standard Supports 32 TCONT,256 gemports Support the 984 standard AES128 encryption function Support SBA and DBA
Network management	WEB management, with IP

WORKING ENVIRONMENT

Parameter	Specification
Power	DC12V/0.5A (outside power)
Power consumption	3.5W
Operating temperature	-10—55 °C
Storage temperature	-40—70 °C
Humidity	5% ~ 90% non-condensing
Dimension	90mm(length) * 21mm(width) * 82mm(height)
Net weight	0.05Kg
Gross weight	0.25Kg

ORDER INFORMATION

PRODUCT	PART NUMBER
EPON ONU, 1GE	FO-401GS