

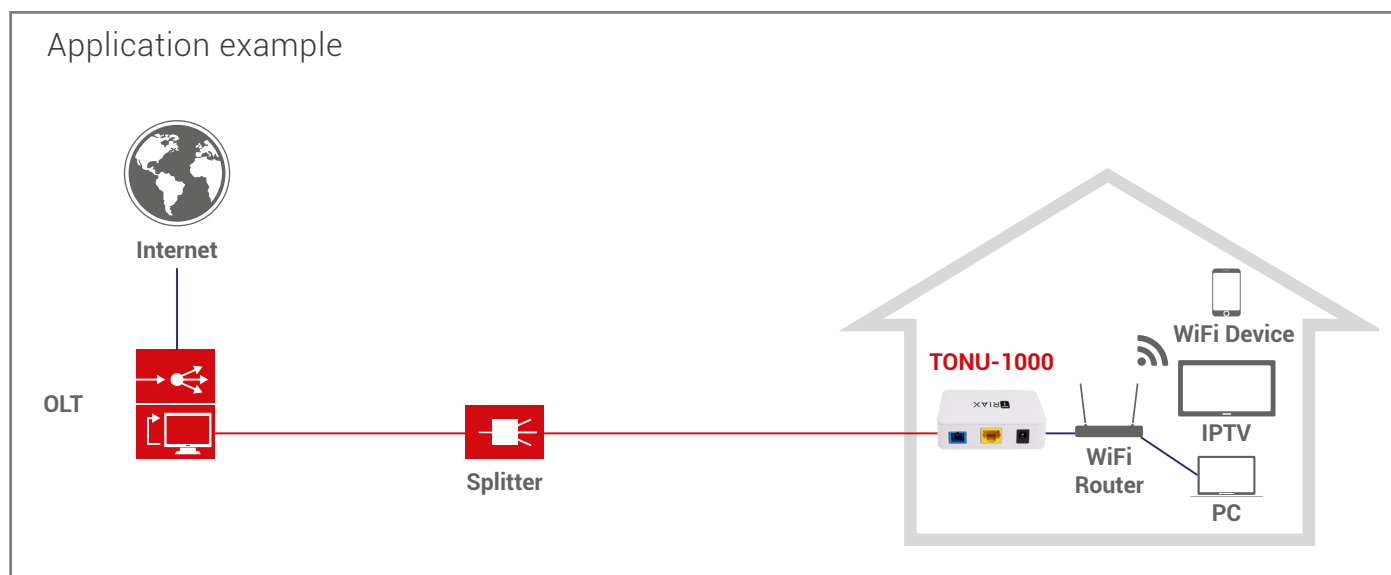
TONU-1000 GE ONU

TONU-1000 (XPON 1GE ONU) is specially designed to meet the needs of telecom operators for FTTO (office), FTTD (desktop), FTTH (home), SOHO broadband access, video surveillance, etc. The ONU is based on high-performance chip technology solutions and supports Layer 2 / Layer 3 functions, providing data services for carrier-grade FTTH applications.

The ONU has high reliability and can be applied to a wide temperature environment; and has a powerful firewall function, which is easy to manage and maintain. It provides a QoS guarantee for different services. The ONU complies with international technical standards such as IEEE802.3ah and ITU-T G.984.



Application example



FEATURES

- XPON Dual Mode can automatically access EPON/GPON
- Rogue ONU detection compliant
- Powerful Firewall
- Wide Working Temperature: -25°C~+55°C

TONU-1000		
ART. Number	308700	
	Product Description	Accessories
	1*GE	AC-DC power adapter, DC12V/0.5A
Interface		
PON	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	1*GE, Auto-negotiation, RJ45 connector	
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	
Product features		
Basic	Supports MPCP discover & register Supports authentication MAC/LOID/MAC + LOID Supports Triple Churning Supports DBA bandwidth Supports auto-detecting, auto-configuration, and auto firmware upgrade Supports SN/Psw/LOID/LOID+Psw authentication	
Alarm	Supports Dying Gasp, Port Loop Detect, Ethernet Port LOS	
LAN	Supports Port rate limiting Supports Loop detection Supports Flow control Supports Storm control	
WLAN	Supports VLAN tag mode Supports VLAN transparent mode Supports VLAN trunk mode (max 8 vlans) Supports VLAN 1:1 translation mode (≤8 vlans)	
Multicast	Supports IGMPv1/v2/Snooping Max Multicast vlan 8, Max Multicast Group 64	
QoS	Supports 4 queues, SP and WRR, 802.1P	
L3	Supports IPv4/IPv6 Supports DHCP/PPPOE/Static IP Supports Static route Supports NAT	
Management	Supports CTC OAM 2.0 and 2.1 Supports ITUT984.x OMCI Supports WEB Supports TELNET Supports CLI	
Electrical		
Power adapter	DC 12V, 0.5A, external AC-DC power adaptor, ≤4W	
Indicators	SYS, LINK/ACT, REG	
General		
Operating condition	Operating temperature: -10 ~ +55°C Operating humidity: 5 ~ 95% (non-condensing)	
Storage condition	Storage temperature: -40 ~ +70°C Storage humidity: 5~ 95% (non-condensing)	
Packaging size (L x W x H) / Net weight	82x82x25mm / 0.85Kg	