



# BT-PON

Shenzhen Baitong Putian Technology Co., Ltd.

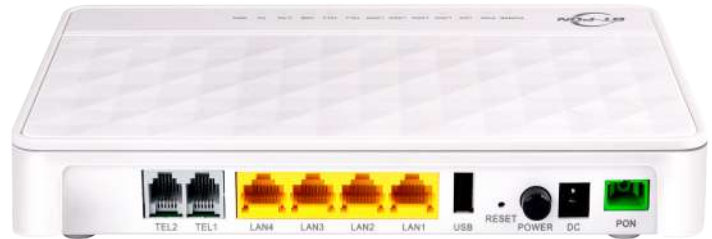


## BT-631XF

### XPON With 4GE+1USB+2VOIP Product introduction

PON is a mature optical fiber access network technology, which integrates the advantages of low cost, high bandwidth, strong expansibility and other advantages. It adopts the passive spectral network and point-to-multipoint structure, which changes the problems existing in the active optical network such as many fault points, difficult maintenance and high operating costs.

BT-631XF model ONU is a user terminal device independently developed by BTPT in line with such industrial background. The device has built-in two-layer switching function and three-layer routing function. With compact structure and small appearance, it is a kind of FTTH optical network unit with high performance and low power consumption, which is very suitable for the application requirements of various data services in FTTH networking scenarios of various operators. BT-631XF is an XPON product that can be adapted to EPON and GPON networks without replacing equipment and firmware.



### Features:

- Support EPON/GPON mode and switch mode automatically
- Compliant with IEEE 802.3ah and itu-t g.984.x standards
- Integrate OMCI(GPON)/OAM(EPON) and TR-069 remote configuration and maintenance
- Layer 3 Home Gateway/CPE features with Hardware NAT, support Multiple WAN, Route/Bridge mode, etc
- Layer 2 Switching, support 802.1Q VLAN, 802.1P QOS, Bandwidth Control, Spanning Tree, etc
- Support PPPoE/ Static IP/ DHCP

- Bi-directional FEC
- Support IPv4, IPv6 and IPv4/IPv6
- Support firewall level Settings, support based on URL/MAC/ IP/ address frame filtering
- Support multicast IGMP v2 proxy/ snooping, support MLD proxy/ snooping
- Qos supports PQ, WRR, and CAR queue scheduling
- Support DDNS, ALG, DMZ and UPNP
- Provide POTS interface, support SIP protocol, POTS integrated circuit test complies GR-909



## Hardware Specifications

- Size (L\*W\*H): 205 \*140 \*30mm
- Optical signal access: 1\*GPON/EPON
- User interface: 4GE+2VOIP+1USB  
Indicator light: POWER/PON/LOS/LAN1/  
LAN2/LAN3/LAN4/TEL1/TEL2/USB
- LAN2/LAN3/LAN4/TEL1/TEL2/USB  
Button: Power switch Button, Reset Button
- Weight: 300g
- Power adapter input: 100V~240V AC,  
50Hz~60Hz
- PowerSupply requirement: 12V DC, 1.5A
- Power consumption: <10w  
Working temperature: -10°C ~ +45°C
- Environment humidity: 5% ~ 95% (Non-  
condensing)

## PON Interface

- Module type: SC/UPC / SC/APC
- Working wavelength: PON: up 1310nm, down  
1490nm ;
- TX Optical power value: 0.5~5dBm
- RX Optical power sensitivity: -28dBm
- Transmission distance: 0~20km
- Transmission rate:  
GPON:Up 1.244Gbps; down 2.488Gbps  
EPON:Up 1.244Gbps; down 1.244Gbps

## Ethernet Interface

- Interface type: 4\* RJ45
- Interface parameters: 4\*10/100/1000Mbps  
auto adaptive Ethernet interfaces

## POTS interface

- Interface type: 2\* RJ11
- Voice agreement: SIP
- Codecs: G.711/G.723/G.726/G.729
- Integrated circuit protocol: Gr-909 protocol is  
applicable

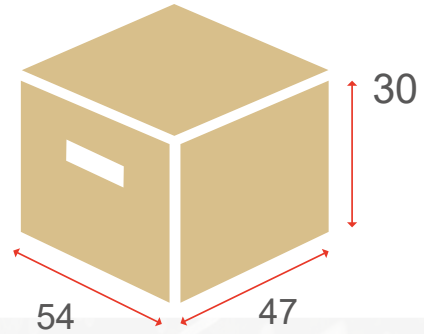
## Product Packing Size

### Package included:



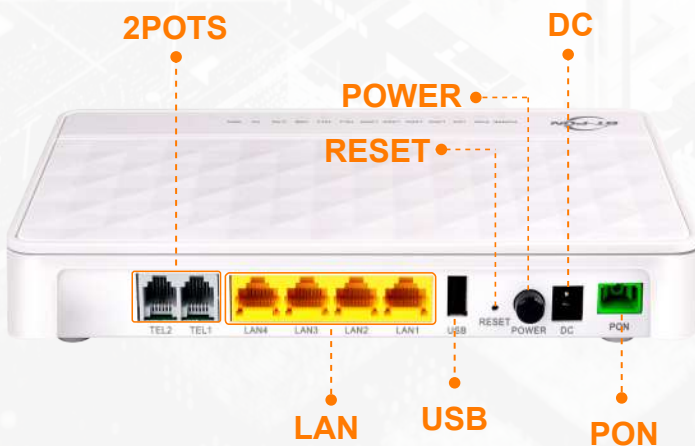
- ONU \* 1 PC
- Power adaptor \*1 PC
- Manual \*1 PC
- Box \*1 PC

### Packing list:



- 20pcs/Carton
- Measurement: 54\*47\*30cm, 14kg

## Interface :

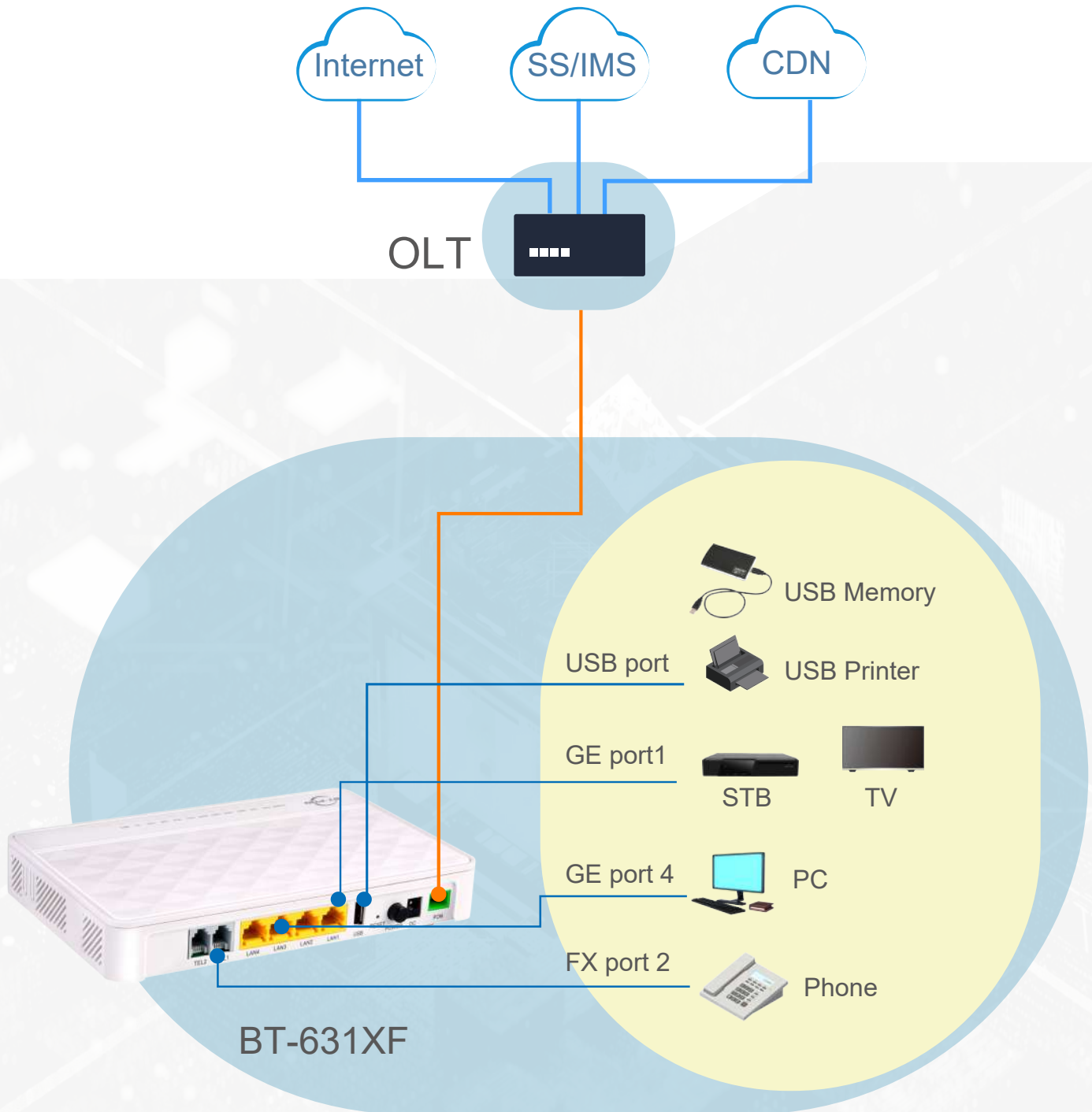


- **Compatible with OLT Huawei/ ZTE/Fiberhome**
- POTS
- LAN
- USB
- RESET
- POWER
- DC
- PON





## Application Scenario



## Company Introduction

Shenzhen Baitong Putian Technology Co., Ltd. has more than 10 years experience in fiber optical equipment industry since from 2008, specializes in the research and development of optical access network technology especially ONU and OLT. It provides integrated network transmission products such as voice, data, and video based on IP networks.

### Service Support:

- Fully understand the needs of customers, and create value for customers with advanced technology, considerate service, and tailor-made solutions.
- Provides customers with a full range of after-sales service and technical support, and strive to create value for customers.

### Company Mission:

- Fight for Access the world

#### Shenzhen Baitong Putian Technology Co., Ltd.

- 🌐 Website: [www.bt-pon.com](http://www.bt-pon.com)
- ✉ Email: [marketing@bt-pon.com](mailto:marketing@bt-pon.com)
- 📍 Address: 3rd Floor, Building B, Honghua Technology Innovation Park, Laowei First Industrial Zone, Longhua District, Shenzhen, China

