BT-601EB

1GE+3FE+1VOIP+2.4GWIFI EPON ONU Product Specification

BT-601EB 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 EPON 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.

Features:

- Compliant with IEEE 802.3ah specification and OAM protocol
- Integrate OAM and TR-069 remote configuration and maintenance
- Compatible with Huawei,ZTE and Fiberhome OLT
- 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, etc
- 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 DDSN, ALG, DMZ and UPNP

Highlights:

- Compatible with 95% Third-party OLTs (Including Huawei/ZTE/Fiberhoome/BT-PON and so on)
- Support PPPoE/ Static IP/ DHCP
- Support IPv4, IPv6 and IPv4/IPv6
- Provide 300Mbps 2.4GHz Wireless interface,2T2R external antenna, support multiple SSID Settings
- Provide POTS interface, support SIP protocol , POTS integrated circuit test complies GR-909
- Chipest :Broadcom

Hardware Specifications

- Size: 165*162*28mm
- Optical signal access: 1*EPON
- User interface: 1GE+3FE+VOIP+2.4G WLAN+1USB/ 4FE+VOIP+2.4G WLAN+1USB
- Indicator light: POWER/WPS/WLAN/USB/LAN1/LAN2/ LAN3/LAN4/TEL/INTERNET/LOS/PON
- Button: Power switch Button, Reset Button, WLAN Button, WPS 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)

Wireless

- Working mode: IEEE 802.11 b/g/n
- Antenna pattern: 2T2R External antenna
- Antenna gain: 5dBi
- Wireless bandwidth: Support 20MHz/40MHz
- Interface rate: Maximum rate 300Mbps
- SSID: Up to 4 SSID broadcasts are supported

PON Interface

- Module type: SFP PX20+ SC/PC
- Working wavelength: up 1310nm，down 1490nm
- TX Optical power value: 0.5～4dBm
- RX Optical power sensitivity:
- Receiver sensitivity：-27dBm
- Transmission distance: 0～20km
- Transmission rate: Uplink 1.244Gbps；downlink 2.488Gbps

Ethernet Interface

- Interface type: RJ45
- Interface parameters：1*10/100/1000Mbps and 3*10/100Mbps or 4*10/100Mbps auto adaptive Ethernet interfaces

POTS interface

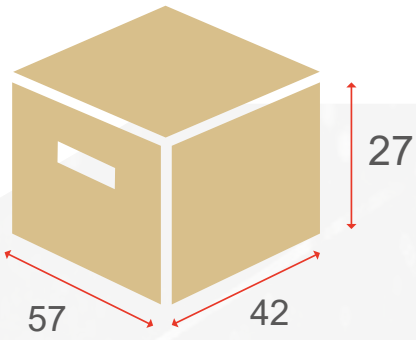
- Interface type: 1* RJ11
- Voice agreement: SIP
- Codecs: G.711/G.723/G.726/G.729
- Integrated circuit protocol: Gr-909 protocol is applicable

Product Packing Size

Package included:

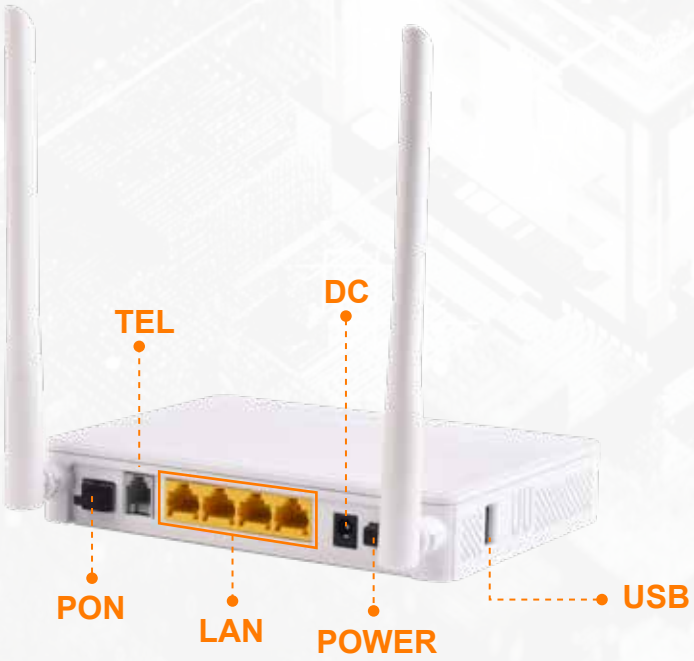
- ONU * 1 PC
- Power adaptor *1 PC
- Manual *1 PC
- Box *1 PC

Packing list:



- 30pcs/carton
- measurement: 57*42*27cm/carton
  GW :15.75kg/carton

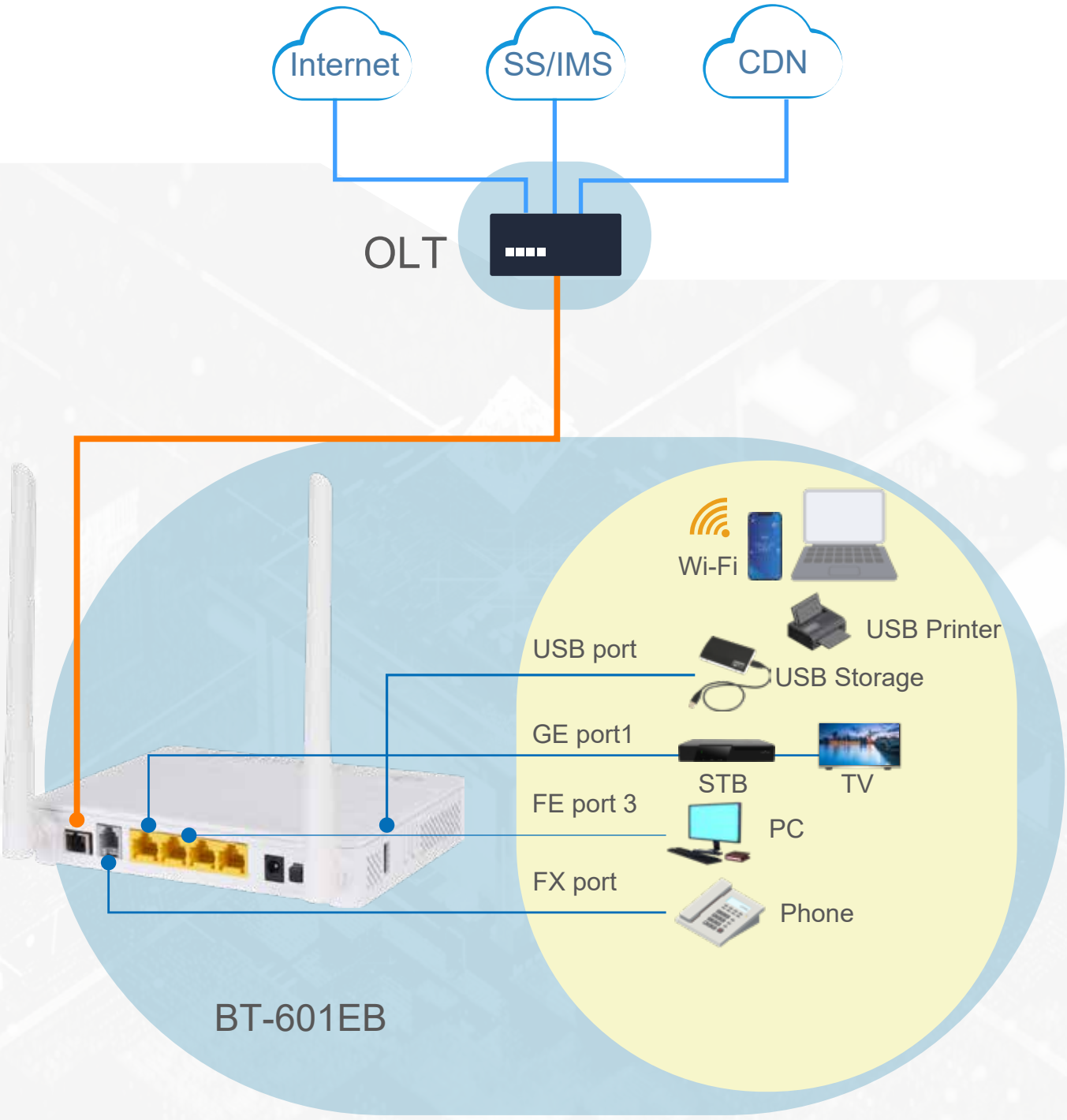
Interface :



Compatible with OLT Huawei/ ZTE/Fiberhome

- PON
- TEL
- LAN
- DC
- POWER
- USB

Application Scenario



Company Introduction

Shenzhen Baitong Putian Technology Co., Ltd.has more than 10 years experence 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.

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