



## PONT-1G3F XPON POE ONU

XPON+1×GE(POE+)+3×FE(POE+)

### Key Features:



XPON Dual Mode  
GPON/EPON  
Compatible



IEEE802.3at POE+  
Max 30W per port



Bridge Access  
Mode



High  
Cost-Effective

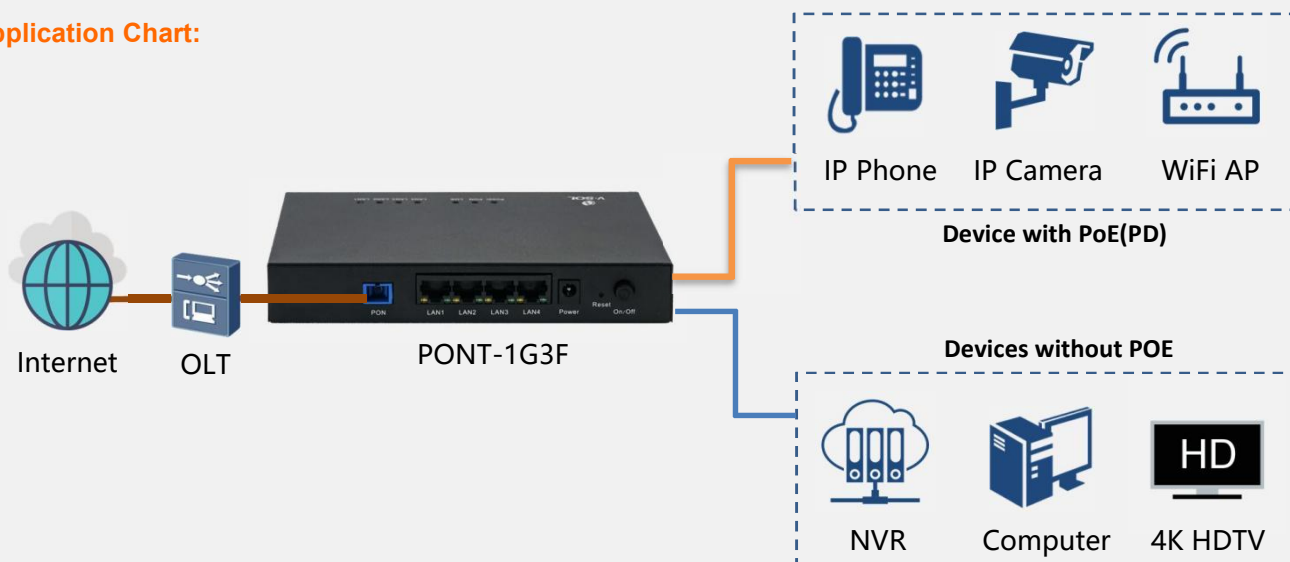
### Introduction:

PONT-1G3F (1×GE+3×FE XPON POE(PSE) ONT) is specially designed to meet the FTTH, SOHO and other access requirements of telecom operators. The ONT is based on a high-performance chip solution, supports XPON dual-mode, and also supports Layer 2/Layer 3 functions, providing data services for carrier-grade FTTH applications.

The four network ports of the ONT all support the POE function, which can supply power to IP cameras, wireless APs and other devices through network cables.

The ONT has high reliability, is easy to manage and maintain, and has QoS guarantees for various services. It complies with a series of international technical standards such as IEEE802.3ah and ITU-T G.984.

### Application Chart:



## ○ Hardware Parameter

Dimension	175mm×123mm×28mm (L×W×H)
Net weight	About 0.6kg
Operating condition	Temperature: -20℃~50℃ Humidity: 5%~90% (non-condensing)
Storage condition	Temperature: -30℃~60℃ Humidity: 5%~90% (non-condensing)
Power adapter	DC 48V/1A
Power supply	≤48W
Interface	1×XPON+1×GE(POE+)+3×FE(POE+)
Indicators	POWER,LOS,PON, LAN1 ~ LAN4

## ○ Interface Parameter

PON Interface	<ul style="list-style-type: none"><li>• 1XPON port(EPON PX20+&amp;GPON Class B+)</li><li>• SC single mode, SC/UPC connector</li><li>• TX optical power: 0 ~ +4dBm</li><li>• RX sensitivity: -27dBm</li><li>• Overload optical power: -3dBm(EPON) or -8dBm(GPON)</li><li>• Transmission distance: 20KM</li><li>• Wavelength: TX 1310nm, RX1490nm</li></ul>
User Interface	<ul style="list-style-type: none"><li>• PoE+, IEEE 802.3at, Max 30W per port</li><li>• 1*GE+3*FE Auto-negotiation,RJ45 connectors</li><li>• Configuration of the number of MAC addresses learned</li><li>• Ethernet port-based VLAN transparent transmission and VLAN filtering</li></ul>

## ○ Function Data

O&M	<ul style="list-style-type: none"><li>• Support OMCI(ITU-T G.984.x)</li><li>• Support CTC OAM 2.0 and 2.1</li><li>• Support Web/Telnet/CLI</li></ul>
Uplink Mode	<ul style="list-style-type: none"><li>• Bridging mode</li><li>• Compatible with mainstream OLTs</li></ul>
L2	<ul style="list-style-type: none"><li>• 802.1D&amp;802.1ad bridging</li><li>• 802.1p CoS</li><li>• 802.1Q VLAN</li></ul>
Multicast	<ul style="list-style-type: none"><li>• IGMPv2/v3</li><li>• IGMP snooping</li></ul>