

# VoIP GPON ONT Gateway/Bridge

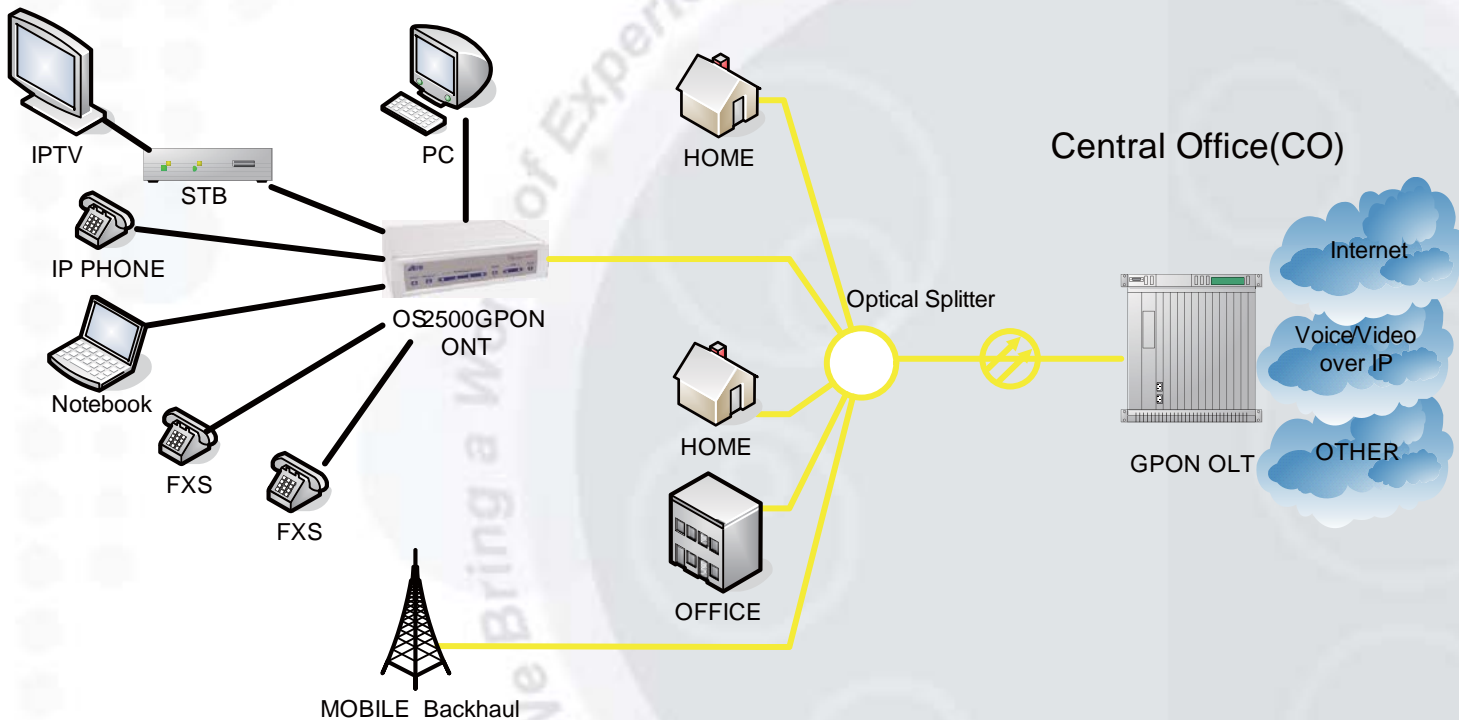
## ▶ OptoSpan 2500 Series ◀



### Features

- Support full GPON bandwidth of up to 2.5Gbps downstream and 1.25Gbps upstream access
- Support IP video for video service
- Gigabits Ethernet interface
- Support VoIP for voice service

### Application



# VoIP GPON ONT Gateway/Bridge

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### Specification

#### GPON Interface :

- Standard : ITU-T G.984 compliant GPON ONU Class B+
- Optical Line Rate : 2.488Gbps downstream & 1.244Gbps upstream
- Wavelength : 1490 nm RX & 1310 nm TX
- Support 28dB optical loss budget ( Class B+ : 13 – 28dB)

#### Ethernet module :

- Complies with IEEE 802.3/802.3u/802.3ab
- 4 port 10/100 Auto MDI/MDIX RJ45 interfaces
- 1port 10/100/1000 Auto MDI/MDIX RJ45 interface

#### Bridging Functions

- Support 802.1D bridging and learning function.
- MAC Table Address/VLAN Table 256 entries
- Support IGMP V1/V2

#### QoS :

- 802.1q VLAN Tagging and un-tagging
- 802.1p with eight priority queues
- VLAN Q-in-Q (Double VLAN tag)
- Support 32 T-CONTs , 256 GEM ports-ID

#### Gateway Functions: :

- DHCP Server
- NAT
- PPPoE

#### VOIP Interface :

- Protocol: RTP/RCTP
- Voice codecs: G.711, G.729a/b
- G.168 echo cancellation
- Caller-ID
- DTMF generator/detector
- T.38 Fax relay

#### Management:

- Telnet, CLI, Web-based management, OMCI (ONT Management and Control Interface), TR-069
- TFTP Server/FTP client Firmware Upgrade

#### Physical :

- LED Indicator : PWR, ALM,GPON, 2xVOIP,4x FE,1x GbE
- Interface: 1xSC/APC for GPON,2xRJ11 for FXS,4x RJ45 for FE, 1xRJ45 for GbE, Reset button for factory default setting
- Dimensions : 190(W) x 49(H) x 160(D) mm

#### Power Supply :

- AC/DC SWITCHING ADAPTER IN:AC100~240 V  
OUT:DC 12V /1A
- Power consumption : 7 Watt (Max.)

#### Environment :

- Temperature : 0~50°C
- Humidity : 0%~95%R.H. (Non-condensing)



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