ZISA OP1601

Single Pon GPON OLT

Product Overview

OP1601 is a box-type GPON OLT with one PON port. The price of OP1601 is very attractive and the performance is very strong. The splitting ratio of its PON port is 1:128, and the farthest transmission distance is 20KM. Its uplink and downlink bandwidth is as high as: 1.25Gbps/2.5Gbps. OP1601 can be widely used in FTTH, SOHO, small business office and other application scenarios.

Main Feature

- High Performance Chipset
- Built-in PON optic module
- Mini Metal Shell --
- Easy Deployment
- 10GE(SFP+) Uplink

Technical Specifications

Item		OP1601
Chassis	Rack	1U
Uplink Port	QTY	3
	RJ45(GE)	2
	SFP(GE)/SFP+(10GE)	1
GPON Port Specification	QTY	1
	Fiber Type	9/125μm SM
	Connector	SC/UPC, Class C++/Class C+++
	GPON port speed	Upstream 1.244Gbps, Downstream 2.488Gbps
	Wavelength	TX 1490nm, RX 1310nm
	Max splitting ratio	1:128
	Transmission Distance	20KM
Management Ports		1*CONSOLE port

Backplane Bandwidth (Gbps)		60
Port Forwarding Rate(Mpps)		21.576
Management Mode		Console/WEB/Telnet/CLI
Lightning protection level	Power supply	4KV
	Device Interface	1KV

Management Function

• Telnet,CLI,WEB;

• Port Status monitoring and configuration management

• Online ONTconfiguration and management

• User management

• Alarm management

Layer2 Switch

• 1K Mac address

• Support 4096 VLANs

• Support port VLAN

• Support VLAN tag/Un-tag, VLAN transparent transmission

• Support storm control based on port

• Support port isolation

• Support port rate limitation

• Support 802.1D and 802.1W

• Access control list

• IEEE802.x flowcontrol

• Port stability statistic and monitoring

GPON Function

• Tcont DBA

• Gemport traffic

• In compliant with ITU-T984.x standard

• Up to 20KM transmission Distance

• Support data encryption, multi-cast, port VLAN, separation, etc

• Support ONT auto-discovery/link detection/remote upgrade of software

• Support VLAN division and user separation to avoid broadcast storm

• Support power-off alarm function, easy for

link problem detection

• Support broadcasting storm resistance function

Dimension (L*W*H)

• 210mm*173mm*43.6mm

Weight

• Net weight of single power: 1.07kg

Power Adapter

• DC 12V/2A

• AC 85~264V, 47/60Hz(Default)

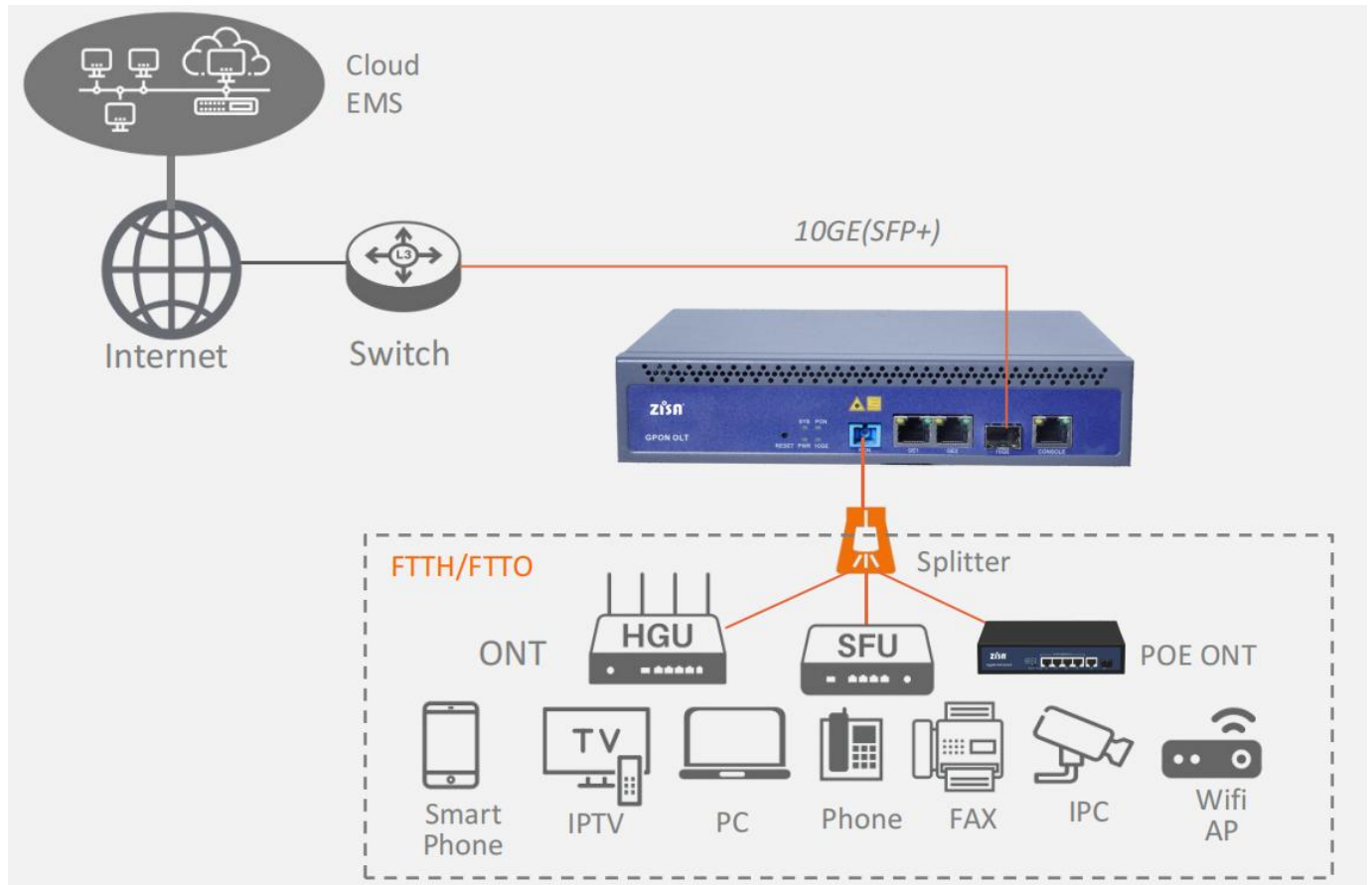**Working Temperature**

• -20°C ~+60°C

Storage Temperature

• -40~+70°C

Relative Humidity

• 5~95% (non-condensing)

Ordering Information

Product Name	Product Description	Power Configuration	Accessories
OP1601	1*GPON, 2*RJ45+1*SFP/SFP+	1*DC / 1*AC(Default) / 1*AC+1*DC	1G SFP module / 10G SFP+ module

Application Scenarios

Contact us

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Specifications are subject to change without notice.