

V1600GS

Single pon GPON OLT

Introduction:

V1600GS is a box-type GPON OLT with one PON port. The price of V1600GS 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. V1600GS can be widely used in FTTH, SOHO, small business office and other application scenarios.

Highlights



High Performance Chipset

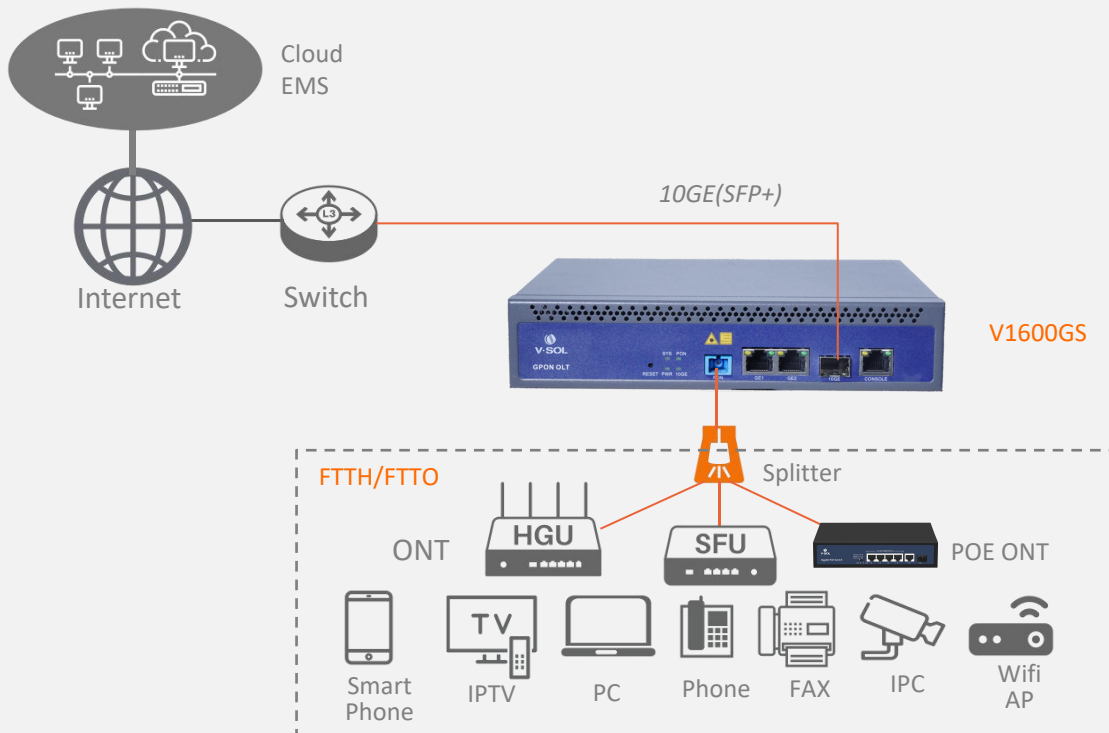


Built-in PON optic module
Mini Metal Shell
Easy Deployment



10GE(SFP+) Uplink

Application Scenarios



Technical Specifications

| Item | | V1600GS |
|----------------------------|-----------------------|--|
| 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++, 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) | | 16 |
| Port Forwarding Rate(Mpps) | | 23.808 |
| 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
- Gempport 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)

- 224mm*199mm*43.6mm

Weight

- Net weight of single power: 1.07kg

Power Adapter

- DC 12V/2.5A
- AC 85~264V, 47/60Hz(Optional)

Working Temperature

- 0°C ~+55°C

Storage Temperature

- -40~+85°C

Relative Humidity

- 10~85% (non-condensing)

Ordering Information:

| Product Name | Product Description | Power Configuration | Accessories |
|--------------|---------------------------|------------------------|----------------------------------|
| V1600GS | 1*GPON, 2*RJ45+1*SFP/SFP+ | 1*DC 1*AC(Optional) | 1G SFP module 10G SFP+ module |