

V1600GS-F

Single pon GPON OLT

Introduction:

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

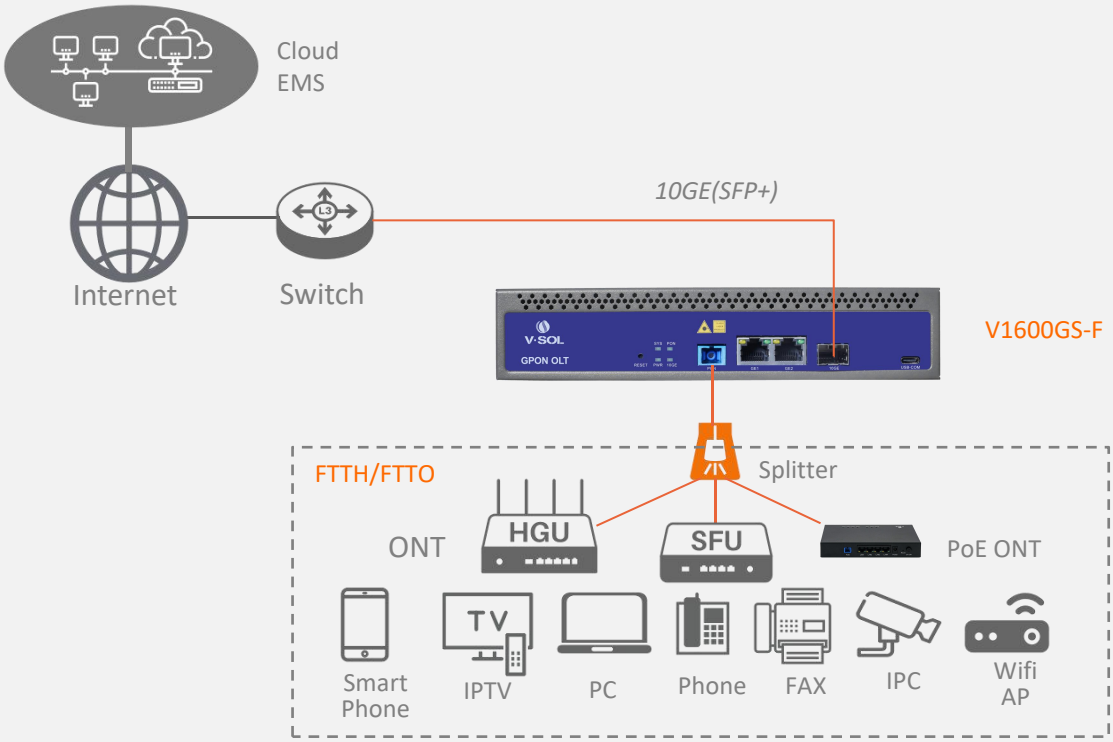
Highlights

High Performance Chipset

Built-in PON optic module
Mini Metal Shell
Easy Deployment

10GE(SFP+) Uplink

Application Scenarios



Technical Specifications

Item		V1600GS-F
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,TX: 7.5±0.5dBm, Sen: -32dBm
	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*USB-COM(Type-C) port
Backplane Bandwidth (Gbps)		16
Port Forwarding Rate(Mpps)		23.808
Management Mode		WEB/Telnet/CLI/SNMP
Power Supply	AC	Working Voltage Range: 100~240V, Rated Voltage: 110V/220V
	DC Power Adapter	DC 12V/2A
Lightning protection level	Power supply	4KV
	Device Interface	1KV

Management Function

- Telnet,CLI,WEB,SNMP;
- 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 VLAN translation、QinQ and P2P
- 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

Multicast

- IGMP snooping
- 256 IP Multicast Groups

DHCP

- Support DHCP server,DHCP relay,DHCP snooping
- Support DHCP option82
- Support DHCPv6 server,DHCPv6 relay

Layer 3 Route

- Support dynamic/static ARP
- Support WAN (DHCP/PPPOE/Statics)
- Support static routing, NAT, DMZ
- Support QoS based on DSCP, MAC, IP, L4 port, protocol, etc.
- Support ACL based on source MAC address, source IP address, source L4 port, destination IP address, destination L4 port, protocol type, etc.

IPv6

- Support IPv6 Ping, IPv6 Telnet, IPv6 routing
- Support ACL based on source MAC address, source IPv6 address, source L4 port, destination IPv6 address, destination L4 port, protocol type, etc
- Support IPv6 SLAAC
- Support MLD v1/v2 snooping (Multicast Listener Discovery snooping)

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

Weight

- Net weight of single power: 1.07kg

Working Temperature

- -20°C ~+60°C

Storage Temperature

- -40~+70°C

Relative Humidity

- 5~95% (non-condensing)

Dimension (L*W*H)

- 210mm*173mm*43.6mm

Ordering Information:

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



V1600GS-ZF

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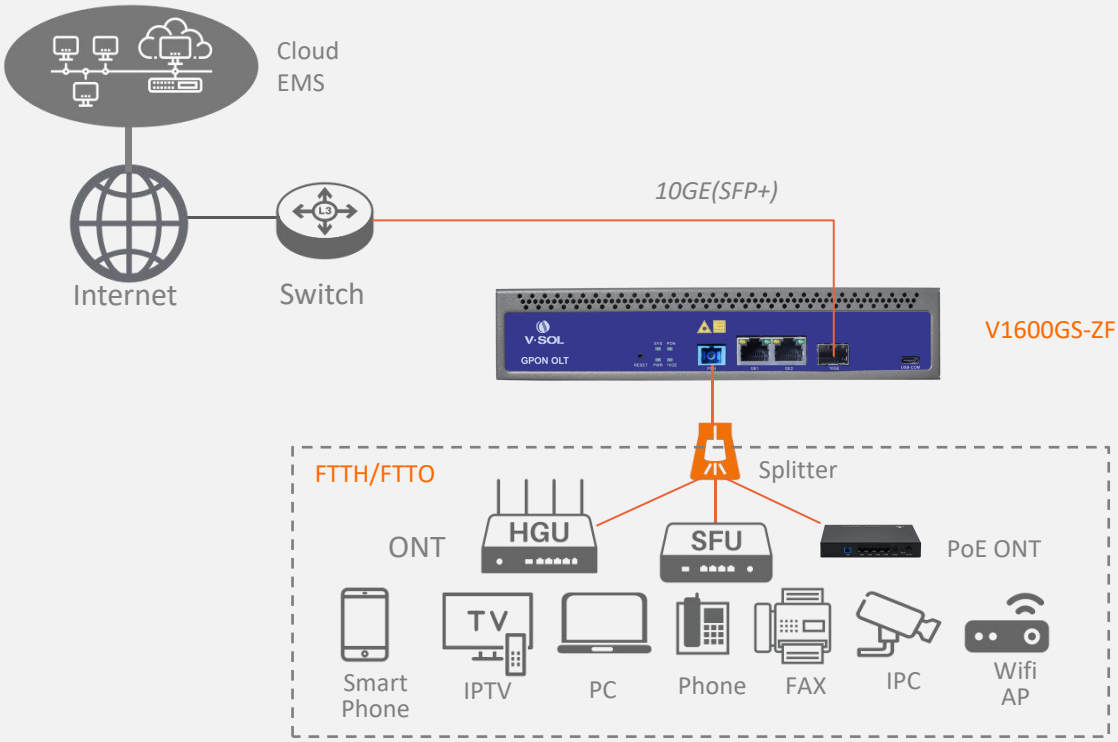
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