

ZISA OP156-AC

4GE 11ac WIFI VOIP GPON HGU



Description

OP156-AC GPON ONT is a new terminal level GPON ONT, which is a variety of FTTH \ FTTO accessing ONT published by VS for carrier-grade FTTH network applications. It can support pure data, data+voip, data+voip+WIFI and many other service accessing type.

OP156-AC ONT supports standard OMCI, can provide up to 1.25Gbps uplink and 2.5Gbps downlink high-speed transfer rate. It can fully meet carrier-grade FTTH\FTTO equipment needs.

Technical Parameter-OP156-AC Series

Parameter Name	Hardware Parameter
	GPON
Chipset	BCM68380I+BCM4352+BCM43217
PON	SC single-mode/single-fiber, Downstream rate 2.488Gbps, Upstream rate 1.244Gbps
Wavelength	Tx 1310nm, Rx 1490nm
Sensitivity	<-27dBm(CLASS B+)
Optical Type	SC/PC
Interface Type	4 X 10/100/1000 BASE-T Ethernet RJ45 ports.Auto adaptive Ethernet interfaces, Full/Half Duplex 2 POTS, RJ11 connector 1 USB port in host mode.
Wireless	Compliant with IEEE802.11b/g/n, 300Mbps, 2T2R 2* external antennas, Compliant with 802.11ac 2T2R speed up to 780Mbps
Indicators	13, For POWER 、 PON 、 LOS 、 WAN 、 WiFi 、 Phone 、 Lan 、 Pair 、 USB

Parameter Name	Software Parameter
	GPON
LAN	Support Port rate limiting Support Loop detection
VLAN	Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode Support VLAN translation mode Support VLAN QinQ mode
Multicast	Support IGMPv1/v2/v3 Support IGMP Proxy and MLD Proxy Support IGMP Snooping and MLD Snooping
QoS	Support 4 queues Support SP and WRR Support 802.1P Support DSCP
L3	Support IPv4、IPv6 and IPv4/IPv6 dual stack Support DHCP/PPPOE/Statics Support Static route Support NAT Support Bridge, Route, Route and Bridge mixed mode Support DMZ Support DNS Support ALG Support UPnP Support Virtual Server
DHCP	Support DHCP Server
VOIP	Support SIP protocol Support Voice coding: ITU-T G.711/G.723/G.726/G.729, auto-negotiate with call agent Support Echo cancellation exceeding ITU-T G.165/G.168-2002, up to 128ms tail length Support high/low speed fax/Modem, bypass fax, and T38 fax Support InBand / RFC2833/SIP INFO, MD5 authentication, call forward, call waiting, hot-line call, and all kinds of value-added voice service. Multi-party conferencing Support Line testing according to GR-909

Wireless	Support 802.11b/g/n and Mixed mode Support 4 SSID Support No-auth · WEP · WPA-PSK and WPA2-PSK function with AES · TKIP encryption
Performance	Data loss: <1*10E-12 Call loss: <0.01%
Security	Support Firewall Support Mac filter Support ACL Support URL filter
Management	Support OMCI(ITU-T G.984.x)
	Support WEB Support TR069 Support TELNET Support CLI

Technical Specifications

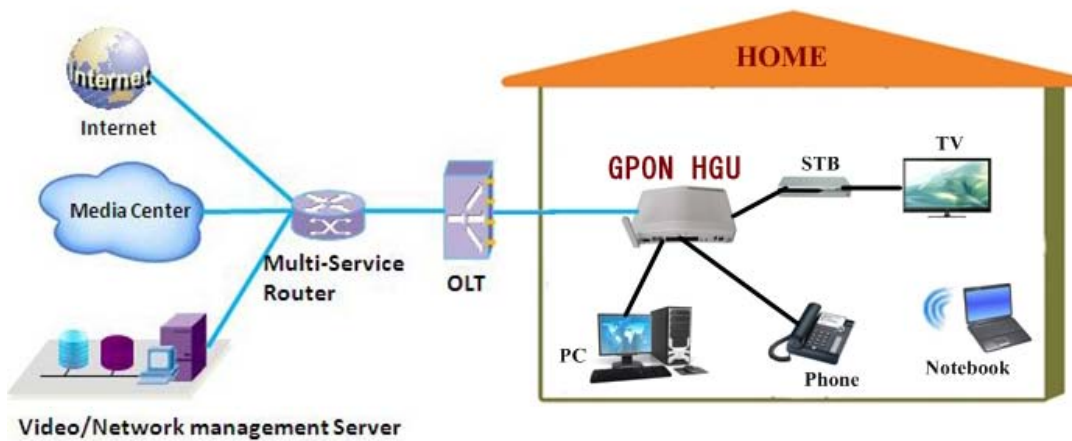
- Power adapter input: 220V AC, 50HZ
- System power supply: See the nameplate on the device
- Ambient temperature: -5 ~ +45°C, Ambient humidity: 10% ~ 95%(non-condensing)
- Store temperature: -40 ~ +60°CStore humidity: 10% ~ 95%(non-condensing)
- For other technical specifications, see the following table:

Model	Dimension (L x W x H)	Power	Power Consumption	Weight (No Power Adapter)
OP156-AC	185mmx135mmx45mm	12V,1A/1.5A	≤20W	≤600g

Compatibility

Manufacturers	Model	Compatibility
HuaWei	M5680T series (M5600T Oversea)	Fully compatible
ZTE	C320/300/C220	
FiberHome	AN5516 Series	
Gcom(New GreenNet)	EL5600-04P/08P	

Application chart



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