

## **GPON ONU,4\*10/100/1000BASE-TX+2\*VOIP+3\*3 11AC WLAN**



### **Description**

SO364GE2VWA GPON ONU is a new terminal level GPON ONU, which is a variety of FTTB \ FTTH \ FTTO accessing ONU published For carrier-grade FTTH network applications. It can support pure data, Data +Voice, Data+ Voice+ WIFI and many other service accessing type. They supports standard OMCI, can provide up to 1.25Gbps uplink and 2.5Gbps downlink high-speed transfer rate. the biggest highlights of SO364GE2VWA is wireless function supported 802.11AC, speed of WIFI is up to 1.2Gbps. Beautiful appearance design is also highlighted.

### **Specifications**

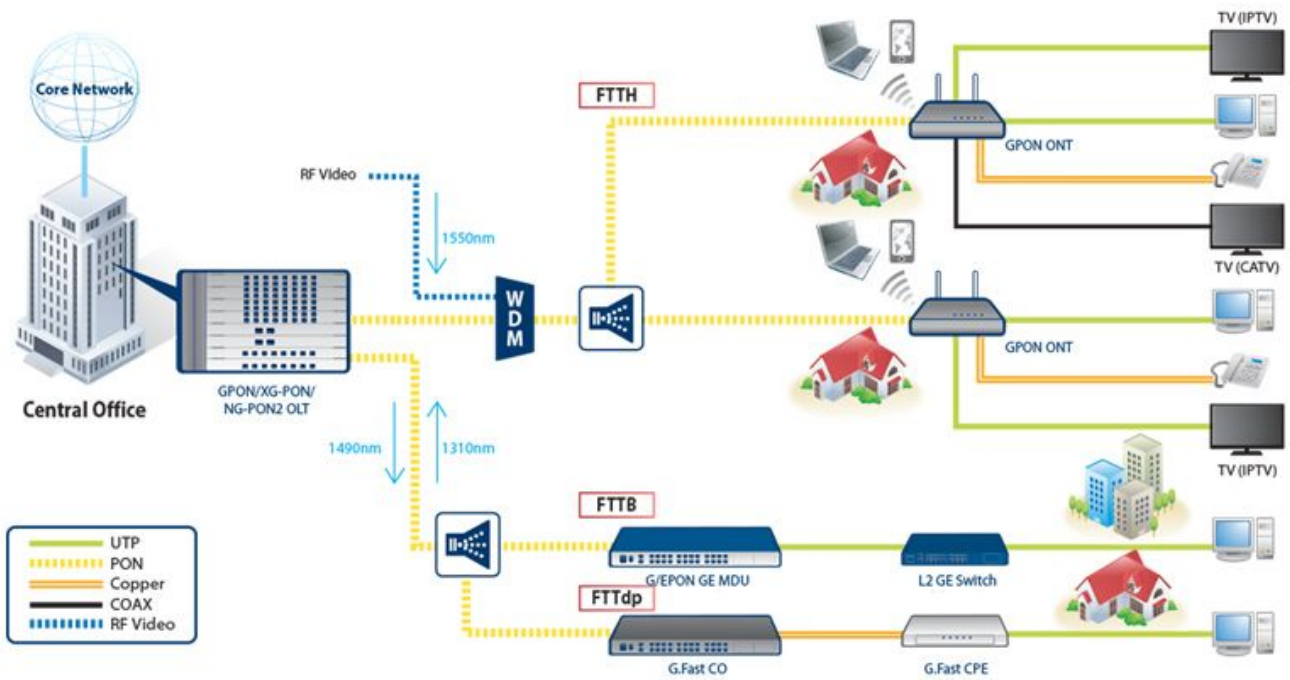
- GPON WAN port with 1.244Gbps uplink / 2.488Gbps downlink link speed
- Active Ethernet WAN port with 1.25Gbps bi-direction link speed
- 4x 10/100/1000BASE-T Ethernet RJ45 Ports
- Support 802.11n 2T2R speed up to 300Mbps
- Support 802.11ac 3T3R speed up to 1.2Gbps
- 2x FXS RJ11 ports for Voice service
- 2x USB ports in host or device mode
- DC 12V adaptor, max 1.5A current
- -5 to 45°C operating ambient temperature

## Performance

Attributes	SO364GE2VWA	
Hardware	BCM68380I+BCM43602+BCM43217	
Power supply	12V DC,2.5A	
Power consumption (full loaded)	≤24W	
Weight (in maximum configuration )	≤0.6kg	
Environmental requirements	Working temperature : -5°C~45°C Storage temperature : -40°C~60°C Working humidity : 5%~95% Storage temperature : 5%~95% no condensing	
Ethernet	Standard	IEEE802.3 IEEE802.3au IEEE802.3x
	Interface	4x 10/100/1000BASE-T RJ45 Auto negotiation Auto MDI/MDIX
GPON	Speed	Downlink: 2.488Gbps Uplink: 1.244Gbps
	Connector	SC/APC, pigtail
	Standard	ITU-T G.984.2 , Class B+
	Power level	Downlink <ul style="list-style-type: none"> <li>- Wavelength: 1490nm</li> <li>- Sensitivity: -27dBm</li> <li>- Saturation: -9dBm</li> </ul> Uplink <ul style="list-style-type: none"> <li>- Wavelength: 1310nm</li> <li>- TX power: 0.5 ~ 5dBm</li> <li>- RMS: 0.5nm</li> </ul>

	Fiber	G.652 Single Mode Fiber
WIFI	wifi	TX Power (11n MCS7) : 19+2dBm EVM (11n MCS7) : <-30dB ThroughPut (11n HT40): ≥140Mbps TX Power (11ac MCS9): 17+2dBm EVM (11ac MCS9) : <-32dB ThroughPut (11ac HT80) : ≥550Mbps
	Antenna	2.4G antenna :4dBi 5G antenna :4.5dBi
VoIP	REN	Max 5REN
	Connector	2x RJ11
	Ringling	65V RMS ringing voltage
USB	Max 1A for each port	

**Solution**



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