# GPON ONT (1GE+IFE+1POTS+WIFI) (HG323RGW) (Dual Mode GPON/EPON)



► Dual Mode( can access GPON/EPON OLTs ).
► Plug and play, features auto-detecting, auto-configuration, and auto firmware upgrade, etc.
► Integrated OMCI remote configuration and maintenance function.
► Support rich VLAN functions and IGMP Snooping multicast features support v2&v3 for channel change
► Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset.
► Support NAT, Firewall function.
► Support IPv4 and IPv6 dual stack.
► Integrated line testing compliant with GR-909 on POTS.

► Support Per-subscriber, per-servicebandwidth control,IP video with multistage Internet Group Management

► Supports received signal strength indication (RSSI) for lean operations and remote troubleshooting

► QoS,supports advanced dynamic bandwidth management allows prioritization per service and user with the ability to burst up to the full line rate.

► PON interface support SC/APC/as well as SC/UPC optical connector

► Support customer end application with parental control

► Supports Dying gasp

► LED: Power, Alarm, Connection, Ethernet

► EMI: Protection of over voltage/current

HG323RGW GPON ONT is terminal devices are designed for fulfilling FTTH and triple play service demand of fixed network operators or cable operators.

| Technical items | Description of GPON ONT |
|---|---|
| | HG323RGW GPON ONT |
| Main Chipset | Realtek |
| CPU | 600MHZ |
| Memory | 64M bytes DDR3 |
| Flash | 16M SPI |
| PON Port Type | BOSA |
| PON interface | 1 GPON interface, SC single-mode/single-fiber,Upstream 1.25Gbps,Downstream 2.5Gbps |
| Wavelength | GPON Tx 1310nm, GPON Rx 1490nm |
| Sensitivity | <-27dBm(PX20+) |
| Overload | >-8dBm(PX20+) |
| Optical interface | SC/PC connector |
| LAN interface | 1 x 10/100/1000Mbps+1 x 10/100 auto adaptive Ethernet interfaces, RJ45 connectors ,which supports wire speed data transfer |
| Downstream POTS interface | 1 FXS, RJ11 connectors |
| Indicators | 7 indicators, for status of power supply, PON, LAN and POTS . |
| WLAN | Compliant with IEEE802.11b/g/n, 300Mbps, 2x2  two mimo internal  antenna |
| WLAN throughput | 100Mbps @ 40users, 1518bytes, no-encryption 107Mbps @ 40users, 512bytes, encryption |
| power supply | +12V,1A, external AC-DC power adaptor |
| Power consumption | ≤9W |
| Operating condition | Temp: -  0°C to 50°C Humidity:5%-95% (non-condensed) |
| Storing condition | Temp: -30~+60℃ Humidity:5%-95% |
| Dimension | 185mm*33mm*122mm（W*H*D) |
| Net weight | 0.28Kg |