

# REVOTIK 1GE+1FE+CATV WIFI EPON ONU

Revotik 1GE+1FE+CATV WiFiEPON ONU is designed for fulfilling FTTH and triple play service demand of fixed network operators or cable operators. It meets telecom operators FTTO (office), FTTD (Desk), FTTH (Home) broadband speed, SOHO broadband access, video surveillance and other requirements. It is based on the mature stable, cost-effective Gigabit EPON technology, and has high ratio of performance to price, the technology of Layer 2/3, integrated CATV and configuration flexibility. They are highly reliable and easy to maintain, with guaranteed QoS for different service, and fully compliant with technical regulations such as IEEE802.3ah.



## SPECIAL FEATURES

- Plug and play, integrated auto detecting, auto configuration, and auto firmware upgrade technology.
- Full compliance to IEEE 802.3ah specification & OAM function.
- Support 802.11n 2T2R speed up to 300Mbps.
- Support rich VLAN, DHCP Server and IGMP snooping multicast feature.
- Advantage traffic management
- Advanced Dynamic Bandwidth Allocation (DBA)
- The WAN port supports bridge or router mode.
- Advanced L2 features QinQ VLAN & QoS support.
- Support NAT, Firewall function.
- Support Console/ Telnet/ NMS management interface for ease of operation and maintenance.
- Support 2K MAC address table.
- Fully compatibility with OLT based on Broadcom / PMC / Cortina chipset.

## ELECTRONIC PARAMETERS

|                       |   |
|-----------------------|---|
| Input optical power   | (-18dBm) ~(+2dBm)                             |
| Optical return loss   | ≥45 dB  |
| Wavelength            | 1550 +/- 10nm                                 |
| RF frequency          | 47 ~ 1000MHz                                  |
| AGC Range             | (-14) ~ (-5) / (-13) ~ (-4) / (-7) ~ (+2) dBm |
| C/N                   | ≥47dB   |
| CTB                   | ≥60dB   |
| CSO                   | ≥60dB   |
| RF output lever       | 82 dBuV (@-7dBm)                              |
| RF impedance          | 75Ω   |
| RF output return loss | ≥14 dB  |

## TECHNICAL PARAMETERS

|                     |   |
|---------------------|---|
| Item Model No       | RVEPON202W  |
| PON interface       | 1 EPON connector, SC single-mode/single-fiber, downlink/uplink 1.25Gbps.                      |
| Wavelength          | Tx1310nm, Rx 1490nm, CATV 1550nm.   |
| Optical interface   | 1 PON interface, 1 CATV interface, SC connector   |
| LAN interface       | 1x 10/100/1000Mbps auto adaptive Ethernet interfaces and 1x 10/100M Full/Half. RJ45 connector |
| RF interface        | 1 RF output interface.  |
| Wireless            | Compliant with IEEE802.11b/g/n, 300Mbps, 2T2R.  |
| LED                 | 7, For Status of POWER, LOS, REG, GE, FE, CATV.   |
| Operating condition | Temperature: -5°C ~ 55°C, Humidity: 10% ~ 90% (non-condensing)                                |
| Storing condition   | Temperature :-30°C ~ 60°C, Humidity :10% ~ 90% (non-condensing)                               |
| Power supply        | DC 12V/1A   |
| Power consumption   | ≤8W   |
| Dimension           | 158mm×115mm×33mm(L×W×H)   |
| Net weight          | 0.4Kg   |