REVOTIK 1GE+1FE+CATV WiFixPON

Revotik 1GE+1FE+CATV WiFi xPON 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 GPON 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.

FUNCTION DESCRIPTION

- Dual Mode (can access gpon / eponolts).
- 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	RVXPON202W
PON interface	1 GPON connector, SC single-mode/single-fiber, downlink/uplink (2.56G/1.25G)
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□～55□, Humidity: 10%～90% （non-condensing）
Storing condition	Temperature :-30□～60□, Humidity :10%～90% （non-condensing）
Power supply	DC 12V/1A
Power consumption	≤8W
Dimension	158mm×115mm×33mm(L×W×H)
Net weight	0.4Kg