REVOTIK 1GE+1FE+CATV xPON

Revotik RVXPON202 xPON 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 G/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.

TECHNICAL PARAMETERS

Item Model No	RVXPON202
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
LED	1x 10/100/1000Mbps auto adaptive Ethernet interfaces and 1x 10/100M Full/Half. RJ45 connector
LAN interface	1 RF output interface.
RF interface	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

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

SOFTWARE KEY FEATURE

EPON/GPON mode	Dual mode, can access EPON/GPON OLTs.
Software mode	Bridging mode and Routing mode.
Abnormal protection	Detecting Rogue ONU, Hardware Dying Gasp.
Firewall	DDOS, Filtering Based on ACL / MAC / URL.
Layer2	802.1D&802.1ad bridge, 802.1p Cos, 802.1Q VLAN.
Layer3	IPv4/IPv6, DHCP Client / Server, PPPoE, NAT, DMZ, DDNS.
Multicast	IGMP v1/v2/v3, IGMP snooping.
Security	Flow & Storm control, Loop Detection.
O&M	WEB / TELNET / OAM / OMCI / TR069.