

REVOTIK 1GE+CATV xPON

Revotik 1GE+CATV xPON ONT 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.



ELECTRONIC PARAMETERS

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| 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 level | 82 dBuV (@-7dBm) |
| RF impedance | 75Ω |
| RF output return loss | ≥14 dB |

SOFTWARE KEY FEATURE

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| 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. |

FUNCTION DESCRIPTION

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|---------------------|---|
| Item Model No | RVXPON201 |
| PON interface | --1 G/EPON port (EPON PX20+ and GPON Class B+) --Wavelength: Tx1310nm, Rx 1490nm --SC/UPC connector --Receiving sensitivity: ≤-28dBm --Transmitting optical power: 0~+4dBm --Transmission distance: 20KM |
| 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 3x 10/100M Full/Half. RJ45 connector. |
| RF interface | 1 RF output interface. |
| 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 |