

REVOTIK 4GE+2POTS+2USB AC WIFI XPON

RVXPONC3042PWAC terminal devices are designed for fulfilling FTTH and triple play service demand of fixed network operators or cable operators. These boxes are based on the mature Gigabit G/EPON technology, which have high ratio of performance to price, and the technology of 802.11ac WiFi (4T4R), Layer 2/3, and high-quality VoIP as well. They are highly reliable and easy to maintain, with guaranteed QoS for different service. And they are fully compliant with technical regulations such as ITUT984.x and technical requirement of GPON.



SPECIAL FEATURES

- In compliant with ITU – T G.984.1/2/3/4 and IEEE802.3ah standard
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Meet 802.11 a/b/g/n/ac WIFI technical standard
- Support VLAN transparent, tag, untag configuration
- Support multicast function
- Support DHCP/Static/PPPOE internet mode
- Support port-binding
- Support TR069 remote management
- Support data encryption and decryption function
- Support Dynamic Bandwidth Allocation (DBA)
- Support MAC filter and URL access control
- Support H.248 and SIP protocol
- Support power-off alarm function ,easy for link problem detection
- Specialized design for system breakdown prevention to maintain stable system
- EMS network management based on SNMP, convenient for maintenance

WI-FI FEATURES

- Comply with IEEE 802.11a/b/g/n/ac protocol standard, support 2.4GHz and 5GHz
- There are four external antennas
- 5dBi antenna gain
- Maximum ideal rate up to 1.2Gbps
- 4GHz supports 2*2 MIMO (Multiple-Input Multiple-Output) technology
- 5GHz supports 2*2 MIMO (Multiple-Input Multiple-Output) technology
- Support 8 SSIDs
- Support wider RF bandwidth, up to 80MHz
- Support MIMO-OFDM encoding mode
- Support wireless security of 64/128 bit WEP、1x、 WPA and WPA2
- Support mesh function

TECHNICAL PARAMETERS

Item Model No	RVXPONC3042PWAC
CPU	600MHZ
Memory	64M bytes DDR3
Flash	16M SPI
PON interface	GPON: 2.488Gbps/1.244Gbps downstream/upstream, EPON: 1.25Gbps downstream/upstream
Wavelength	Tx 1310nm, Rx 1490nm
Sensitivity	GPON: -28dBm EPON: -27dBm
Overload	>-3dBm(PX20+)
Optical interface	SC/PC connector
LAN interface	4 x 100/1000Mbps+1 x 10/100Mbps auto adaptive Ethernet interfaces, Rj45 connectors
Downstream POTS interface	1 FXS, RJ11 connectors
WLAN	Compliant with IEEE802.11b/g/n/ac, 1200Mbps, 4T4R two internal antenna
WLAN throughput	Maximum ideal rate up to 1.2Gbps
DC power supply	+12V,1A, external AC-DC power adaptor