

# REVOTIK 1GE WIFI xPON

RVXPON101W 1GE WIFI xPON designed for fulfilling FTTH ultra-broadband access request of home and SOHO users. IT supports NAT/firewall and the technology of 802.11n WiFi (2T2R) so on functions. It is based on the stable and mature G/EPON technology, which has high performance/price ratio, and the technology of L3 Ethernet switch. It is high cost performance and easy to maintain, with Dual mode, Industrial design and Powerful firewall.

## FUNCTION DESCRIPTION

- Dual Mode( can access gpon/epon olts ).
- Plug and play, features auto-detecting, auto-configuration, and auto firmware upgrade, etc.
- Integrated OAM remote configuration and maintenance function.
- Support rich QinQ VLAN functions and IGMP Snooping multicast features.
- Functions like transceiver diagnostic monitoring, transmitter disable, etc.
- Fully compatibility with OLT based on Broadcom / PMC / Cortina chipset.
- Support NAT, Firewall function.
- Integrated 802.11b/g/n, 300Mbps

## TECHNICAL PARAMETERS

Item Model No	RVXPON101W
PON interface	SC dual-mode/single-fiber, EPON Mode: symmetric 1.25Gbps/2.56Gbps
Wavelength	Tx1310nm, Rx 1490nm
Optical interface	SC/PC connector
LAN interface	1x 10/100/1000 Mbps auto adaptive Ethernet
WAN Interface	Compliant with IEEE802.11b/g/n, 2R2T, 300Mbps
Sensitivity	<-27dBm(PX20+)
Overload	> -3dBm(PX20+)
Indicators	5 indicators, for status of power supply, PON port and 1 Giga-Ethernet port.
Power adapter input	220V AC, 50HZ
Ambient temperature	-30 ~ +70°C
Ambient humidity	10% ~ 90%(non-condensing)
Store temperature	-30 ~ +60°C



Store humidity	10% ~ 90%(non-condensing)
Dimension (L x W x H)	80mm×80mm×25mm
Power	12V,0.5A
Power Consumption	≤4W
Weight (No Power Adapter)	About 100g
Gross weight	About 250g
Management	Support CTC OAM(EPON) Support WEB Support TELNET
Throughput	Upstream >900Mbps Downstream >960Mbps
Packet lost	14Hours /Lost 0
Security	Anti-DOS attack Prevent The Rogue DHCP Server Prevent The Rogue PPPoE Server ONU Laser always-on detection Powerful firewall function
Multicast	Support IGMPv1/v2 Support IGMP Snooping Max Multicast vlan 8 Max Multicast Group 255
VLAN	Support VLAN tag mode Support VLAN transparent mode Support VLAN trunk mode (max 16 vlans) Support VLAN 1:1 translation mode (max 16 vlans)
Alarm	Support Dying Gasp Support Port Loop Detect Support Eth Port Los