

XPON ONU Model XONU-OR-2G1P-DBW



XONU-OR-2G1P-DBW is an indoor fiber broadband access terminal. The device provides one GPON / EPON adaptive optical port and supports XPON mode. It can be used in connection with our company GPON OLT or EPON OLT. It can also interconnect with the mainstream manufacture (Huawei / ZTE / Fiberhome) GPON or EPON OLT to provide users with Internet, VOIP and IPTV services based on GPON and EPON technology. The device performance and functions also meet IEEE802.3ah and ITU-T G984.X technical specifications.

XONU-OR-2G1P-DBW integrates wireless function which meets 802.11 a/b/g/n/ac technical standards. It has four external high gain omnidirectional antennas and wireless transmission rate up to 867 Mbps. It has the characteristics of strong penetrating power and wide coverage. It can provide users with more efficient data transmission security.

Main Features

- ❖ Single-fiber access, provides internet, VOIP, IPTV, WIFI multiple service
- ❖ In compliant with ITU - T G. 984 and IEEE802.3ah standard
- ❖ Support ONU auto-discovery/Link detection/remote upgrade of software
- ❖ Support VLAN transparent, tag configuration
- ❖ Support multicast function
- ❖ Support DHCP/Static/PPPOE internet mode
- ❖ Support port-binding
- ❖ Support OAM/OMCI remote management
- ❖ Support data encryption and decryption function
- ❖ Support Dynamic Bandwidth Allocation (DBA)
- ❖ Support MAC filter and URL access control
- ❖ Support power-off alarm function, easy for link problem detection
- ❖ Specialized design for system breakdown prevention to maintain stable system

Specifications

Technical Specifications of XPON ONU - XONU-OR-1G1P-DBW	
Item	Specifications
GPON Standard	ITU-T G.984
Operation Frequency	2.4GHz & 5GHz
Interfaces	1 x SC/APC OR UPC PON Port 2 x 10/100/1000Mbps LAN Port 1 x FXS Port
Distance	20Km Max
Wireless Security	WEP, WPA/WPA2, WPA-PSK/ WPA2-PSK encryption
Date Rates	Upstream: 1.25Gbps Downstream: 2.5Gbps
VOIP Standards	SIP (RFC3261), ITU-T G.729/G.722/G.711a/G.711
Buttons	Power ON/OFF Button, WPS/Wi-Fi Button, Reset Button
Wireless Standards	IEEE 802.11ac/n/a 5GHz IEEE 802.11n/b/g 2.4GHz
WAN Type	Dynamic IP/Static IP/PPPoE
Power Supply	DC 12V 1.5A
Signal Rate	5GHz: 867 Mbps, 2.4GHz: 300 Mbps
DHCP	Server, Client, DHCP Client List, Address Reservation
Antenna	4 x 5dBi fixed antennas
Quality of Service	IEEE 802.1p, CoS WR, SP and FIFO queue scheduling algorithm Port rate limit IEEE 802.1x, access control based upon Port; support local and remote RADIUS
Firewall Security	DoS, SPI Firewall IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding
Dimensions (W X D X H)	195 x 135 x 37mm
PORT FORWARDING	Virtual Server, Port Triggering, UPnP, DMZ
VOIP Features	Two RJ-11 FXS ports for connecting to analog telephones Call forwarding, Call waiting, Call block, 3-way conference call, etc.
Environment	Storage temperature:-40°C~80°C Storage humidity:5%~95% non-condensing
Access Control	Parental Control, Local Management Control, Host List, Access Schedule, Rule Management

VLAN	802.1Q tag VLAN, VLAN transparent mode/VLAN translation mode/VLAN trunk mode
Management	Access Control Local Management Remote Management
Internet Protocol	IPv4,IPv6

