

OR4021-fun

Indoor GPON ONT IAD



Highlights

- Support full GPON bandwidth of up to 2.5Gbps downstream and 1.25Gbps upstream access
- Support IP video through data port
- Support VoIP for voice service
- Support Router function
- Support IEEE 802.11n 2.4GHz WLAN function
- Support USB host function
- Support RF Video Overlay
- Support CLI, Web GUI
- Support IEEE 802.11n 5GHz WLAN function
- Support DECT-IQ base (Optional)

OR4021-fun is a ITU-T G.984 complying ONU and integrates residential gateway, VoIP, WLAN and USB functions. OR4021-fun also provides a high bandwidth access and full functions for home users with wireless environment.

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Indoor GPON ONT IAD

Specifications

Interface

- One SC/APC connector for GPON transceiver
- Four RJ-45 connectors for 10/100/1000 BASE-T
- Two RJ-11 connectors for FXS
- One reset button
- One power jack for 12V DC input
- One power switch
- Wavelength: 1490nm downstream and 1310nm upstream
- Support 28dB optical loss budget (Class B+: 13 -28dB)
- Two USB v2.0 Type A connector

Compliant Standard

- ITU-T G.984.1, 984.2, 984.3, 984.4
- IEEE 802.1p
- IEEE 802.1Q
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x

Quality of Service (QoS)

- Strict Priority
- VLAN
- Weighted Round-Robin priority
- IGMP filtering & snooping
- IGMP proxy

VoIP

- SIP v2 (RFC3261)
- CODECS: G.711, G.726, G.729
- T.38 FAX Relay

Management

- Remote control from OAM channel
- Dynamic Bandwidth Allocation
- Remote software upgrade

Security

- Broadcast storm protection for LAN port
- IEEE 802.1x port authentication
- AES-128 Encryption
- Stateful Firewall
- DoS
- DMZ
- VPN pass through

WLAN

- IEEE 802.11 b/g/n
- Frequency band: 2.400~2.4835GHz
- Operating Channels: 1~13 channels
- WEP, SSID, WPA, WPA2

Router

- PPPoE
- Packet filtering
- NAT/NAPT
- Static Rout
- RIP V1/V2/ng
- DHCP server/client

Operating Environment

- Operating Temperature : 0 ~ 40 °C
- Operating Humidity : 10%~90% (non-condensed)

Power Requirement

- Power: 12V DC / 5A Max Input

Physical Specification

- Dimension (WxLxH): 208mm x 148mm x 42mm

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