Gigabit Ethernet Bridge ONT

Features At A Glance

- Supports high-speed data, VoIP, streaming IP videos and IPTV services over a single optical fiber in one single cost-effective device.
- ITU-G.984 compliant with G-PON Encapsulation Method (GEM)
- Supports 2.5 Gbps full 2.5 Gbps asymmetrically
- Designed for high bandwidth, triple play applications
- Low Power Consumption 6W
- Supports one 10/100/1000BaseT Ethernet interface

Next Generation Broadband Network - FTTH

Eddy Wireless
M2M Wireless, Video & Broadcom Solutions
GPON Characteristics LED Indicators

- ITU-T G.984 GPON compliant
- 1 x Power LED (Green/Red Multi-color LED)
  - G.984.1 General Characteristics
  - G.984.2 Physical Media Dependent (PMD) layer Specification
  - G.984.3 Transmission convergence layer Specification
  - 1 x Internet Status LED (Green/Red Multi-color LED)

- Maximum 2.5Gbps Downlink/1.25Gbps Uplink Gbps

External Interfaces

- Ethernet Interface
  - 1 x SC/APC connector for GPON G.984.2 (2.5Gbps D/S and 1.25Gbps U/S)
  - IEEE 802.3 compliant 1000BASE-T, 100BASE-TX, and 10BASE-T
  - 1 x RJ45 connector for 10/100/1000 Ethernet (Auto MDI/MDIX)
  - 1 x On/Off Power Switch
  - 1 x DC Jack
  - Support auto-negotiation
  - Support auto MDI/MDIX

- 1 x Hardware Reset Switch • Support auto polarity correction

Management Support

- G.984.4 ONT Management and Control Interface Specification

- Input Voltage: 12VDC
- Input Current: 0.5A

Network Support

Physical Measurements

- Transparent Bridge
- Static IP support • Dimension: 155 (L) x 120 (W) x 32 (H) mm
- Dynamic RIP routing support
- IP/TCP/UDP/ICMP/ARP/RARP Application Support
- Network Address Translation (NAT)
- Port Mapping/Forwarding
- DNS Relay Agent
- DMZ support
- Multiple Sessions IP Sec and PPTP/L2TP VPN pass through support

Temperature

- Operating: 0˚C to 40˚C
- Non-Operating: 0˚C to 60˚C

Regulatory Approvals

- Europe : CE
- USA : FCC

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