

GP6251

GPON Indoor IAD



Features

- 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 TR-069 (optional)
- Support CLI, Web GUI

GP6251 series product is an ITU-T G.984 complying ONU and integrates residential gateway functions, with VoIP function to provide voice service.

GP6251 series product provides a high bandwidth access and full functions for home users.

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Specifications

Interfaces

- One SC/APC connector
- Wavelength: 1310nm upstream and 1490nm downstream for data transmit and receive.
- 28dB optical loss budget (Class B+: 13 – 28dB)
- Two RJ-45 connectors for 10/100/1000 BASE-T/TX
- One RJ-11 connectors for FXS
- One reset button
- One power jack for 12V DC input

Compliant Standard

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

Quality of Service

- VLAN
- Strict Priority & Weighted Round-Robin Priority
- Multicast IGMP filtering & snooping

VoIP

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

Networking

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

Security

- Broadcast storm protection for LAN port
- AES-128 Encryption
- Firewall
- VPN pass though

Management

- OMCI
- Dynamic Bandwidth Allocation
- Remote software upgrade

Operating Environment

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

Power Requirement

- Power: 12V DC / 1.5A max input

Physical Specification

- Dimension: ? (W) x ? (L) x ? (H) mm