

GP6310

GPON Indoor ONT



GP6310 is a complying with ITU-T G.984 Gigabit Passive Optical Network (GPON) standards ONU (Optical Network Unit) product, which supports one Gigabit Ethernet interface. GP6310 provide end users with high-speed performance and flexible QoS support.

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Specifications

Interfaces

- One SC/APC connector for GPON transceiver
 - Wavelength: 1490nm downstream and 1310nm upstream
 - Support 28dB optical loss budget (Class B+: -8 ~ -27dBm)
- One RJ-45 connector for 10/100/1000 BASE-T
- One power jack for 12 VDC input
- One power on/off push button
- One reset button
- Four LEDs : Power, Optical, LAN, Alarm/Update

Compliant Standards

- ITU-T G.984.1, G984.2, G984.3, G984.4, G.984.5 (optional)
- IEEE 802.3ab
- IEEE 802.1p
- IEEE 802.1Q
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3z

Features

- IGMP filtering & snooping
- Multicasting IGMP v1, v2, v3
- Port-based VLAN
- Q-in-Q VLAN
- Strict Priority
- Weighted Round-Robin priority

Security

- AES-128 encryption per Port-ID
- IEEE 802.1x port authentication
- Supporting to Max.256 MAC filtering

Management

- Remote management via OMCI channel
- CLI management via Telnet
- Loopback test
- Remote firmware upgrade via OMCI channel

Operating Environment

- Operating Temperature : 0 ~ 40 °C
- Storage Temperature : -20 ~ +65 °C
- Operating Humidity : 10% ~ 90% (non-condensed)

Power Requirement

- Power: 12V DC / 0.5A max input

Physical Specification

- Dimension:
 - ONT: 30(H) x 60(W) x 80(D) mm

Chipset: Falcon-D2

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