

GP6210

GPON Indoor ONT



Features

- Support full GPON bandwidth of up to 2.5Gbps downstream and 1.25Gbps upstream access
- Support IP video for video service
- Gigabits Ethernet interface

GP6210 is a complying with ITU-T G.984 Gigabit Passive Optical Network (GPON) standards ONU (Optical Network Unit) product, which supports one Gigabit Ethernet interfaces to provide Triple-play service for FTTH users. In addition to its high performance profile, the GP6210 implementation assures maximum compatibility and provides remote management via OMCI channel.

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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 switch
- LEDs : Link, LAN, Power/Alarm

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

QoS

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

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 FTP server or 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: 35(H) x 81(W) x 107(D) mm
 - Fiber Tray (optional): 47(H) x 102(W) x 167(D) mm

