

GPON ONT

GPON | 1x Gigabit Ethernet | TR-069

GRG-4284



GRG-4284 is a next-generation Gigabit Passive Optical Network (GPON) ONT, ideal for Fiber to The Home solution designed for advanced triple-play deployments. It's an incredibly robust device allowing users to access a high-speed internet connection via its GPON port and share it with a Gigabit Ethernet port.

The indoor models of Comtrend's GPON product line provide a lower cost and small package which contains many features including QoS, Data Bridge and multicast video support.

Compliant with standard OMCI definition, GRG-4284 is manageable from the remote side and supports the full range of FCAPS functions including supervision, monitoring and maintenance.

KEY FEATURES

- **Access to Fiber Optical Network:** Supports downstream 2.5Gbps and upstream to 1.25Gbps with a transmission distance of up to 20km.
- **Easy Remote Management:**
 - GRG-4284 supports the ONT Management and Control Interface (OMCI), making it easy to configure, activate and manage remotely from an Optical Line Terminal (OLT).
 - TR-069 standard data model for ISP remote control.

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SPECIFICATIONS

HARDWARE	
Flash	NOR Flash: 16M Bytes
RAM	DDR: 64M Bytes
Interfaces	1x GPON (SC/APC) 1x Gigabit Ethernet LAN
LED Indicators	Power, LOS, PON, LAN
Buttons	Reset button
Power Input	12DVC/0.5A
SOFTWARE	
Quality of Service	WMM, Bandwidth Control
Port Forwarding	L2/L3 forwarding, L3 NAPT
VPN	802.1Q tag VLAN, VLAN transparent mode/VLAN translation mode/VLAN trunk mode
Access Control	Local Management Control, Host List, Access Schedule, Rule Management
Firewall Security	DoS, SPI Firewall, IP Address Filter/MAC Address Filter/Domain Filter, IP and MAC Address Binding
Management	Access Control, Local Management, Remote Management
REMOTE MANAGEMENT	
Protocol	TR-069, OMCI, HTTP, HTTPS, TELNET, SSH
CERTIFICATIONS	
CE, RoHS	
PACKAGE CONTENTS	
GPON ONT (GRG-4284)	
Power adapter 12VDC/0.5A, 100-240VAC, 50/60Hz, 1.5m	
ENVIRONMENT	
Temperature	Operating: 0°C ~ 40°C (32°F ~104°F) Storage: -40°C ~ 70°C (-40°F ~158°F)
Humidity (Non-condensing)	Operating: 10 ~ 90% RH, non-condensing Storage: 5 ~ 90% RH, non-condensing



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Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.