

# GPON Optical Network Unit

GPON | GE | RF-Overlay Port

## GRG-4339f



**GRG-4339f** is a highly integrated GPON access device. It offers high-performance Data, Voice and Video services for individual users, SOHO (small office or home office), small businesses, etc.

GRG-4339f complies with the ITU-T G.984 standard, provides 2.488 Gbps downlink and 1.244 Gbps uplink on the network side, and provides a high-speed GE port, one CATV port which plays a crucial role in enabling high-speed internet access through cable infrastructure, offering reliable connectivity and broad availability to users in many areas.

### KEY FEATURES

- **Access to Fiber Optical Network:** Supports downstream 2.5Gbps and upstream to 1.25Gbps with a transmission distance of up to 20km.
- **High-Quality Signal Reception:** The CATV port facilitates the reception of high quality digital signals.
- **Remote Management:** TR-069 standard data model for ISP remote control.

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## SPECIFICATIONS

| HARDWARE                 |  |
|--------------------------|--|
| Flash / SDRAM            | 8MB Nand Flash / Built-in 32MB DDR   |
| Interfaces               | <ul style="list-style-type: none"><li>LAN: 1x 10/100/1000 Base-T MDI/MDIX RJ-45 port</li><li>External antennas; 2x 5dBi external antenna (dual band antenna)</li><li>1x CATV</li></ul> |
| Buttons                  | <ul style="list-style-type: none"><li>1x RESET, 1x ON/OFF,</li></ul>   |
| LED                      | 4x red/green LED   |
| SOFTWARE                 |  |
| GPON Basic               | Support s ITU-T G .984 .1/2/3/4, 8 Tcont ,128 Gempont, FEC (Forward Error Correction) downstream and upstream Support SBA/DBA, Dying-gasp  |
| Management               | WEB/TR069/TELNET/CLI   |
| DHCP                     | Supports DHCP Server / DHCP Relay  |
| VLAN                     | Supports VLAN tag mode, transparent mode, trunk mode, translation mode, QinQ mode  |
| Multicast                | Supports IGMPv 1/v2/v3, IGMP Proxy and MLD Proxy, IGMP& MLD Snooping   |
| QoS                      | Supports 8 queues, SP and WRR, 802. 1P, DSCP   |
| L2                       | Supports IPv4,IPv6 and IPv4/IPv6 dual stack, DHCP/ PPPOE/ Statics,   |
| Security                 | Supports Firewall, Mac filter, ACL, URL filter   |
| CATV                     | Wavelength: 1550nm<br>Input Power: -2~-15dBm<br>RF Output: 70±1dBuV(-2~-15dBminput)  |
| PACKAGE CONTENTS         |  |
| GPON ONT (GRG-4339f)     |  |
| Power adapter 12VDC/0.5A |  |
| ENVIRONMENT              |  |
| Operating Temperature    | 0 °C to 50 °C  |
| Storage Temperature      | -20 °C to 70 °C  |
| Operation Humidity       | <95% (non-condensing)  |

# COMTREND

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