

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">LAN: 1x 10/100/1000 Base-T MDI/MDIX RJ-45 portExternal antennas; 2x 5dBi external antenna (dual band antenna)1x CATV
Buttons	<ul style="list-style-type: none">1x RESET, 1x ON/OFF,
LED	4x red/green LED
SOFTWARE	
GPON Basic	Supports ITU-T G.984.1/2/3/4, 8 Tcont, 128 Gport, 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 Input Power: -2~-15dBm 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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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.