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## EPON/GPON Dual Mode 1 GE ONT

FHR2100GZ (1GE)

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## EPON/GPON Dual Mode 1 GE ONT FHR2100GZ

### Product Descriptions

FHR2100GZ supports the up-link and down-link symmetric 1G bps transmission rate, providing users with good QOS guarantee and flexible bandwidth allocation. Ethernet business and IP integrated services, providing users with more efficient data transmission guarantee.

Have a high reliability and provide quality of service guarantee, easy management, flexible expansion and networking. It's fully meet the ITU-T technical standards and have good compatibility with third party manufacturers OLT.

## Main Features

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- \* Dual mode(Can access EPON/GPON OLTs).
- \* Plug and play, integrate auto detection, auto configuration and auto firmware upgrading.
- \* Support downstream 2.5Gbps and upstream to 1.25Gbps with transmission distance to 20Km.
- \* Fiber access and gigabit port provide incredibly fast transfer speeds.
- \* Supports OMCI (ONT Management Control Interface) remote management.
- \* Support IPv4/ IPv6 IGMP snooping and MLD snooping.
- \* Support bridge, route and bridge/route mixed mode.

## Specification

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General	
GPON Standards	ITU-T G.984,IEEE802.3
Distance	20Km Max
Data Rates	1 GPON/EPON auto-adaptive interface, SC single-mode/single-fiber, Work as GPON,downstream rate 2.5Gbps, Upstream rate 1.25Gbps Work as EPON,downstream rate 1.25Gbps, Upstream rate 1.25Gbps
PON TX Power	1~3dBm (1310nm)
PON RX sensitivity	<-28dBm (1490nm)
Power	≤ 3W

Hardware	
Interfaces	1 x SC/UPC or 1 x SC/APC GPON Port 1 x 10/100/1000Mbps LAN ports
Buttons	Reset Button
Power Supply	DC 12V 0.5A
Dimensions (W X D X H)	100*65*20mm(length*width*height)

Environment	
Operating Temperature	0°C~50°C (32°F~122°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Operating Humidity	10%~90%, non-condensing

Storage Humidity	5%~90% non-condensing
Certifications	CE, RoHS

<b>Software</b>	
WAN Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, Client, DHCP Client List, Address Reservation
Quality of Service	WMM, Bandwidth Control
Port Forwarding	Virtual Server, Port Triggering, UPnP, DMZ
VLAN	802.1Q tag VLAN, VLAN transparent mode/VLAN translation mode/VLAN trunk mode
Access Control	Parental 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
Pon Mode	EPON/GPON Dual Mode
Management	Access Control Local Management Remote Management
Internet Protocol	IPv4, IPv6

<b>Package Contents</b>	
Package Contents	1 x GPON ONT 1 x Quick Installation Guide 1 x Power Adapter

## **SHENZHEN FH-NET OPTOELECTRONICS CO., LTD**

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