PHYHOME
Making the World Better

EPON ONT/SFU
1 GE Port

MODEL: FHR1100GZB

Overview

FHR1100GZB EPON ONT/SFU products comply with IEEE802.3ah, meet the "YD/T 1475–2006 access network technical requirements of EPON and "China Telecom EPON equipment technical requirements" for GEPON Related requirements for ONU equipment. It is a small–capacity optical network unit (ONU) of FH–NET, which can well meet the application of radio and television two–way network and FTTH/FTTO/FTTB.It has high stability and easy to maintain, has multi–service QoS quality guarantee.Efficient bandwidth utilization and Ethernet service support capabilities help operators deliver reliable service quality assurance to their customers.

Characteristics

- Plug and play, integrate auto detection, auto configuration and auto firmware upgrading;

- Support diagnostic monitoring and remote disabling of fiber optical;

- Full speed 1G non–blocking switching;

- 2048 MAC address table;

- Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc.

- Support auto polarity detection of Ethernet ports (AUTO MDIX);

- Integrated IEEE802.1p QoS with four level priority queues;

- Supports mixed network with mainstream OLT to minimize operators' network construction costs;

- With the industry's most advanced technology, it has powerful functions and QoS guarantees in Ethernet services;

- Desktop devices take up less space and consume less power.

Specification

Technical items	Descriptions
Dimension	100*65*20mm(length*width*height)
Net weight	≤0.1Kg
Fiber port	1 EPON interface, SC single–mode/single–fiber, Downstream rate 1.25Gbps, Upstream rate 1.25Gbps
Wavelength	Tx 1310nm, Rx 1490nm
Fiber interface	SC/PC
RX sensitivity	<–28dBm　(1490nm)
LAN	1*10/100/1000Mbps adaptive Ethernet ports, full/half duplex, RJ45 interface
Throughput	Throughput can reach 900Mbps or more
DC power	12V 0.5A, external AC–DC power adapter
Button	Reset, power
Power	≤8W
Operation	Working temperature: –5～+55℃　working humidity:10～90% (non–condensation)
Storage	Storage temperature: –30℃～+60℃ storage humidity: 10～90% (non–condensation)

Application

FE/GE/CATV

IPTV/VOD/CATV

GE/10GE

SNI

IP

FE/GE/10GE

OLT

WDM

NMS

FTTCab/PTP

Splitter

ONU

IMS/Softswitch

POTS
CATV
FE/GE

ONT

ONT

ONT

Splitter

FTTO

POTS
WiFi
FE/GE

ONT

Splitter

FTTH

FTTB/C

MDU

PBX

FE/GE

VOIP
IPTV
FE/GE

ONT

ROUTER

ONT

ONT

WiFi
IPTV
FE/GE