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1GE GPON ONT Pro

FHR2105GZB (1GE+CATV)

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GPON 1GE+CATV ONT Pro FHR2105GZB

Product Descriptions

FHR2105GZB GPON ONT Pro supports the up-link and down-link symmetric 1Gbps 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.

FHR2105GZB GPON ONT Pro has high reliability and provides quality of service guarantee, easy management, flexible expansion and networking. It's fully meet the ITU-T G984.x and IEEE802.3ah technical standards and has good compatibility with third party manufacturers OLT.

Main Features

- * GPON mode(Can access 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(GPON Mode).
- * Fiber access and gigabit port provide incredibly fast transfer speeds.
- * Supports OMCI (ONT Management Control Interface) and OAM remote management.
- * Support IPv4/ IPv6 IGMP snooping and MLD snooping.
- * Support bridge, route and bridge/route mixed mode.

Specification

General	
Protocol Standards	ITU-T G.984.x,IEEE802.3ah
Distance	20Km Max
Data Rates	1 GPON/EPON auto-adaptive interface, SC single-mode/single-fiber Work as GPON:Upstream rate 1.25Gbps Downstream rate 2.5Gbps Work as EPON:Upstream rate 1.25Gbps Downstream rate 1.25Gbps
PON TX Power	1~5dBm (1310nm)
PON RX sensitivity	<-28dBm (1490nm)
Power	≤ 5W
CATV	
Optical Receive	-15~+2 dBm
AGC range	-12~-2 dBm
Fiber return loss	>14 dB
wave length	1100~1600 nm
Connector	RF
C/N	≥ 45 dB
C/CTB	≥ 62 dB
C/CSO	≥ 61 dB
BW	40~ 1000 MHz
Output level	≤ 82 dB μV
Hardware	
Interfaces	1xSC/UPC or 1xSC/APC (optional) 1 x 10/100/1000Mbps LAN port

Buttons	Reset Button
Power Supply	DC 12V 0.5A
Dimensions (W X D X H)	130*113*32mm(length*width*height)

Environment	
Operating Temperature	-10°C~50°C
Storage Temperature	-40°C~70°C
Operating Humidity	10%~90%, non-condensing
Storage Humidity	5%~95% non-condensing
Certifications	CE, RoHS

Software	
WAN Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, Client, DHCP Client List, Address Reservation
Quality of Service	Bandwidth Control
VLAN	Port-based VLAN GVRP IEEE802.1Q VLAN
Access Control	Local Management Control, Host List, Access Schedule, Rule Management
Route	Support NAT Support PPPOE Support Server Client Support Route
Management	Various management modes such as Web, TELNET Local Management Remote Management
Internet Protocol	IPv4, IPv6

Package Contents	
Package Contents	1 x GPON ONT Pro 1 x Quick Installation Guide 1 x Power Adapter

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