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FHR2100GKB

GPON ONT/SFU

Introduction

GPON SFU is designed for FTTH and networking service providers. FHR2100GKB is developed by PGLINK Optoelectronics based on the Gigabit GPON technology, has a highcost performance. It is high stability and easy to maintain, has multi-service QoS qualityguarantee. And It is fully compliant with technical regulations such as ITU-T G.984.x andtechnical requirement of GPON Equipment (V2.1 and above version) from China Telecom,China Unicom.

Characteristics

- ◆ Main service: 1GE
- ◆ Plug and play, integrate auto detection, auto configuration and auto firmware upgrading
- ◆ Integrate OMCI and TR-069 remote configuration and maintenance
- ◆ Support diagnostic monitoring and remote disabling of fiber optical
- ◆ Compatible with Huawei, ZTE and Fiberhome OLT



Specification

Technical items	Descriptions
Fiber port	1 GPON interface, SC single-mode/single-fiber, Downstream rate 2.5Gbps, Upstream rate 1.25Gbps
Wavelength	Tx 1310nm, Rx 1490nm
Fiber interface	SC/PC
RX sensitivity	<-28dBm (1490nm)
WLAN	IEEE802.11b/g/n, 300Mbps, a built-in antenna
LAN	1*10/100/1000Mbps adaptive Ethernet ports, full/half duplex, RJ45 interface
Throughput	Throughput can reach 900Mbps or more
DC power	12V 1A, external AC-DC power adapter
Button	Reset, power
Power	≤8W
Operation	Working temperature: -5~+55°C working humidity: 10~90% (non-condensation)
Storage	Storage temperature: -30°C ~+60°C storage humidity: 10~90% (non-condensation)
Net weight	≤0.2Kg

Data Service Functions

Full speed 1G non-blocking switching

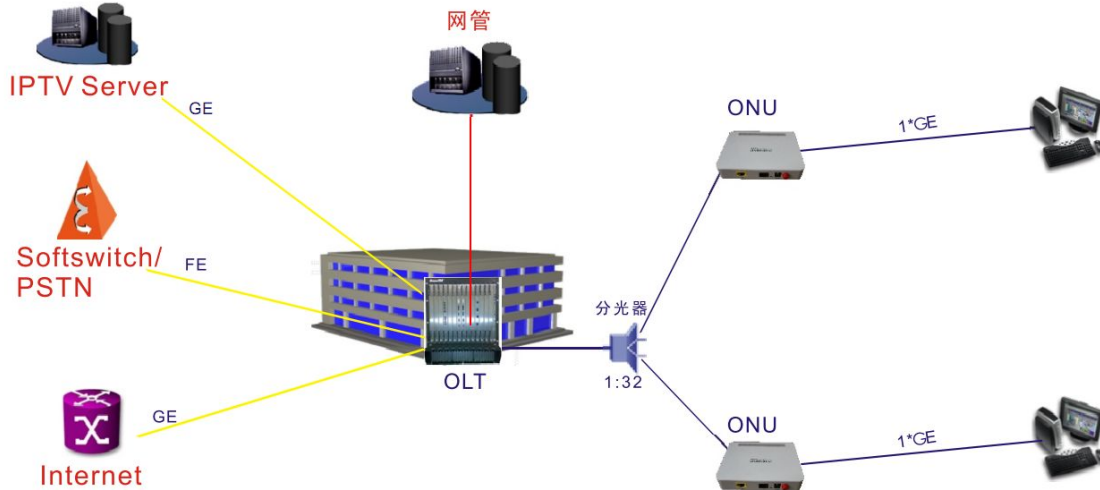
2048 MAC address table

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

Application chart



Ordering Information

Model	Description
FHR2100GKB	1 GE interface