

FHR2201K GPON ONT/HGU



Introduction

GPON ONT/HGU is designed for FTTH and networking service providers. FHR2201K is developed by PGLINK optoelectronics based on the Gigabit GPON technology, has a high cost performance, it supports the 802.11n wireless networking technology(T/R). It is high stability and easy to maintain, has multi-service QoS quality guarantee. And It is fully compliant with technical regulations such as ITU-T G.984.x and technical requirement of GPON Equipment (V2.1 and above version) from China Telecom, China Unicom.

Characteristics

- ★ Main service: 1GE+1FE+1WIFI
- ★ Plug and play, integrate auto detection, auto configuration and auto firmware upgrading
- ★ Integrate OMCI and TR-069 remote configuration and maintenance
- ★ Support flexible QinQ VLAN,DHCP server/relay and IGMP/ MLD multicast monitoring function
- ★ Support diagnostic monitoring and remote disabling of fiber optical
- ★ Compatible with Huawei,ZTE and Fiberhome OLT
- ★ Support 802.11n WiFi (T/R) function
- ★ Support NAT and firewall function
- ★ WAN support networking bridge, router and bridge/router mixed mode



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+1*10/100Mbp adaptive ethernet ports, full/half duplex, RJ45 interface
DC power	12V 1A, external AC-DC power adapter
Button	Reset, power, WIFI
Power	≤10W
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)
Dimension	130*107*31mm(length*width*highth)
Net weight	≤0.2Kg

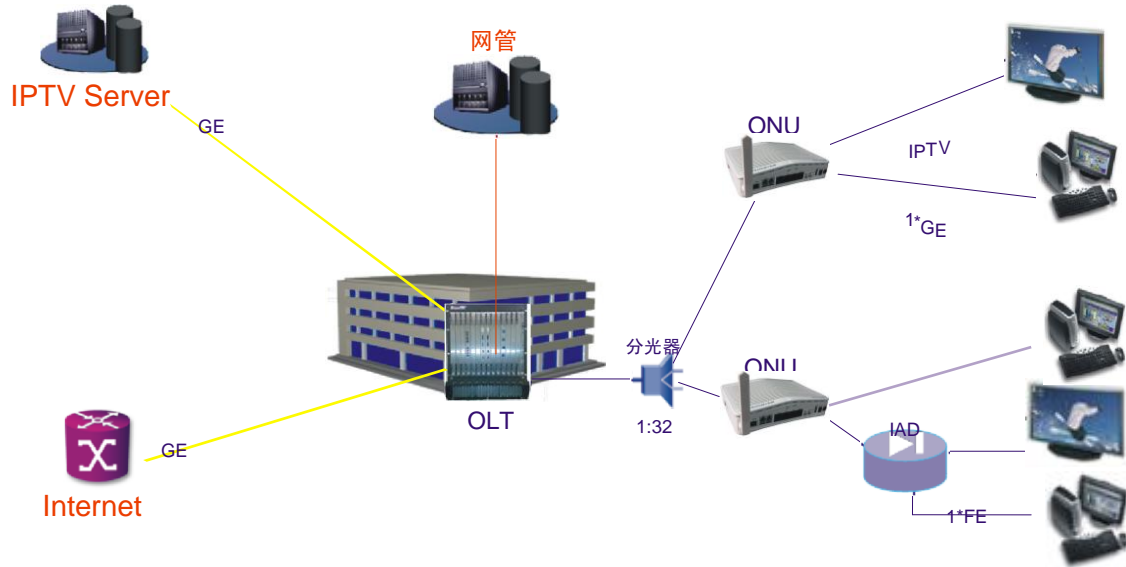
Data Service Functions

- ★ Full speed 1G non-blocking switching
- ★ 2048 MAC address table
- ★ Support VLAN QinQ, transparent, tag, translation, trunk, etc.
- ★ 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
- ★ Support IPv4 IGMP snooping and IPv6 MLD snooping
- ★ Support bridging, router and bridging/router mixed mode

Wi-Fi service

- ★ Support Integrated 802.11b/g/n, 300Mbps, 2T2R.
- ★ Support 64 connections
- ★ Support WEP and WPA/WPA2 security protocols.

Application chart



Ordering Information

Model	Description
FHR2201K	1PON (SC), 1GE+1FE (ETH), 1WIFI,