

EPON OLT 4PON+4GE Combo

MODEL: FHL104C



Overview

FHL104C is a small-capacity OLT device deployed for FTTB or FTTH access network infrastructure. It can be combined with ONU and ODN to form a passive optical network to achieve performance management, fault management and configuration management. The FHL104C adopts a 1U rack-mount design. The whole machine supports 4 PON systems. It can support 256 remote ONU devices in 1:64 splitting. The flexible design supports multiple combinations of different interface types, and selects optical ports or electricity according to network conditions. The port has the characteristics of small size and large capacity, and supports SNMP image interface management.

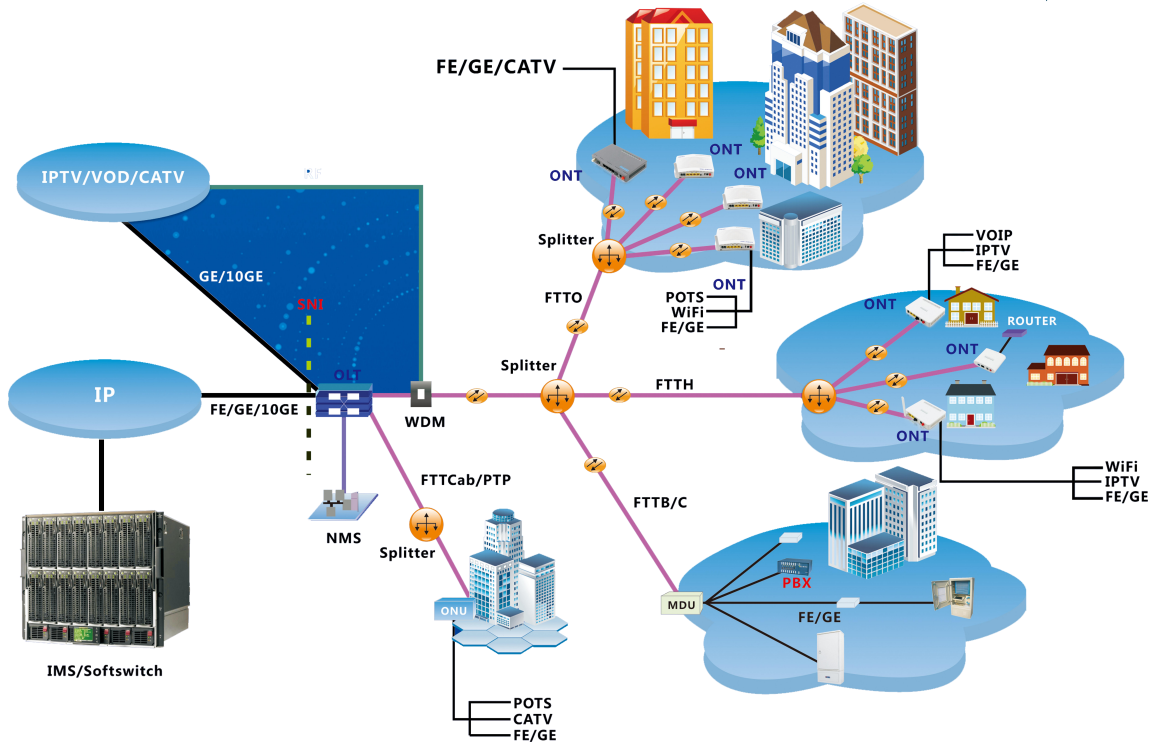
Characteristics

- Applicable to county and town level fiber optic network access and monitoring transmission, meets FTTH requirements to provide complete access to IP telephony, broadband data, IPTV, etc;
- Provides 4 SFP PON ports and 4 Gigabit SFP ports and 4 Combo Gigabit up-link ports;
- Maximum support 256 ONT(1:64 splitter);
- Provides configuration for RS232 serial port (RJ45) and management for external network port;
- Supports CLI command line;
- Supports L2 exchange, L3 basic routing function, 4G switching broadband;
- Under the 1:32 splitter, the distance between the OLT and the ONU can reach 20km.
- Support WEB management and SNMP management, integrated switch function
- 1U rack mount, built-in cooling fan, good heat dissipation, stable operation

Specification

Item	Specification
Dimension	175mm * 442mm*44mm
Weight	2.5kg
Data interface	4 SFP PON ports, 4 Gigabit SFP ports, 4 Combo Gigabit up-link ports
Management	1* 10/100Base-T RJ45 port,with management
Indicator light	RUN: system is running, ALM: system alarms, PWR: power indicator
	PON1 – PON4 two indicator lights for each port show: PON port LINK status, and port protection
	GE4 two indicator lights for each port show: Gigabit up-link port link status and running status
Power supply	AC 220V /1A or DC 48V
Operation	Working temperature: -5~+50°C working humidity:10~90%(non-condensation)
EPON standard	Compatible with IEEE802.3ah YD/T1475-2006 and CTC2.1standard
DBA	Support fixed bandwidth, guaranteed bandwidth, peak bandwidth, weight configurations and the minimum bandwidth allocation
Security	Support PON network and AES Triple stir encryption, support ONU MAC address binding and filtering
Multicast	Support IGMP Snooping and IGMP Proxy,support CTC
QoS	support 802.1p priority queue scheduling, supporting terminal to terminal QOS configuration
ACL	Support destination IP, source IP, destination MAC, source MAC, destination protocol port number, source protocol port number, SVLAN, DSCP, TOS, Ethernet type, IP protocol type, etc
	Supports packet filtering rules based on the above
	Support COS setting which base on above rules, IP priority setting, mirroring, rate limiting and port redirection
Alarm	Support alarm
NMS	supports local and remote CLI configuration

Application



More Information

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