BY FIBER SYSTEM

PRODUCT MANUAL

HUAWEI ECHOLIFE HG8120

HUAWEI
ECHOLIFE HG8120

Product Overview

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Huawei HG8120L FTTH is an optical network terminal (ONT) with a high-end home Bridge in FTTH solution (2LAN+1POT)

This model features high-performance forwarding capabilities to ensure excellent experience with VoIP, Internet and HD video services. Therefore, the HG8321R provides a perfect terminal solution and future-oriented service supporting capabilities for FTTH deployment.

HG8120LProvide English firmware and EU, US, UK, AU Power adapter for your choice.

Quick Details

Model	Configuration					Dimension/pcs
	LAN	Tele	Wifi	PPPOE	Firmware	
HG8120L	1GE+1FE	1pots	no	yes	English	130*105*30mm/0.2kgs

Main Characteristics

Fast fault location

It can track protocol signals and monitor ONT performance to quickly locate equipment faults.

Rich interfaces to meet multiple application scenarios

Huawei HG8120l FTTH provides multiple interfaces including FE, GE, VoIP, E1, WiFi, RF, USB, etc., to meet the needs of scenarios such as FTTH, FTTB, FTTO and applications for home users and business users.

Flexible and diverse business support

It supports the development of large-bandwidth data and Internet access, VoIP, IPTV, CATV video services, and L2VPN services, and provides good QoS and security guarantees.
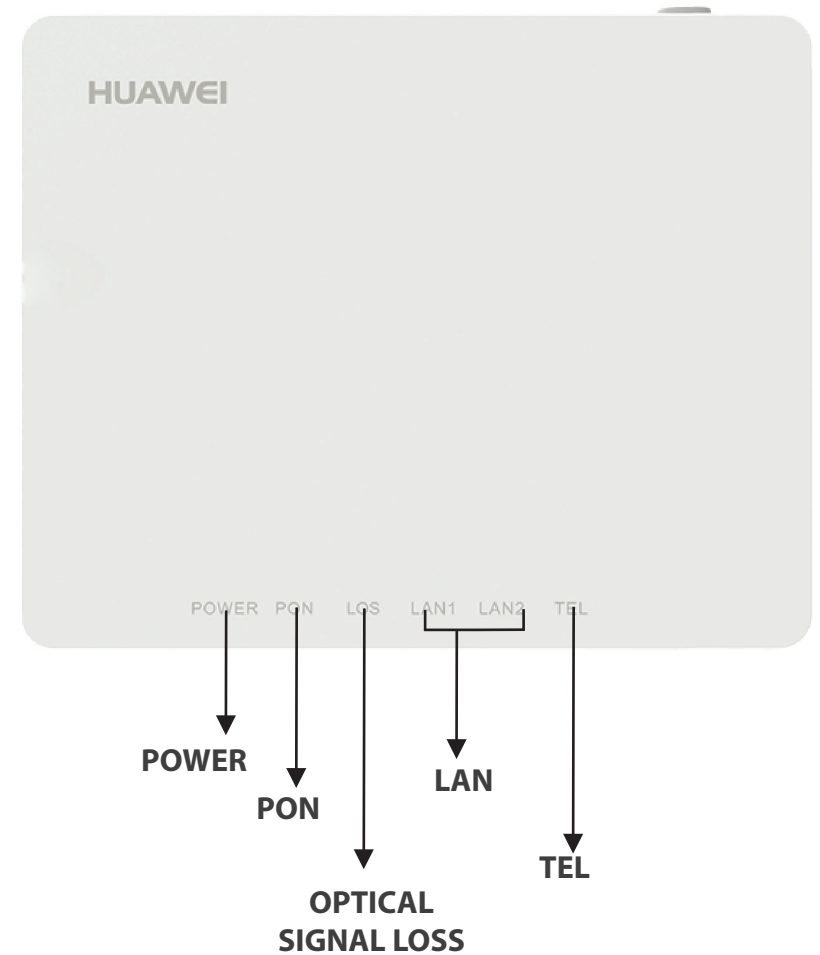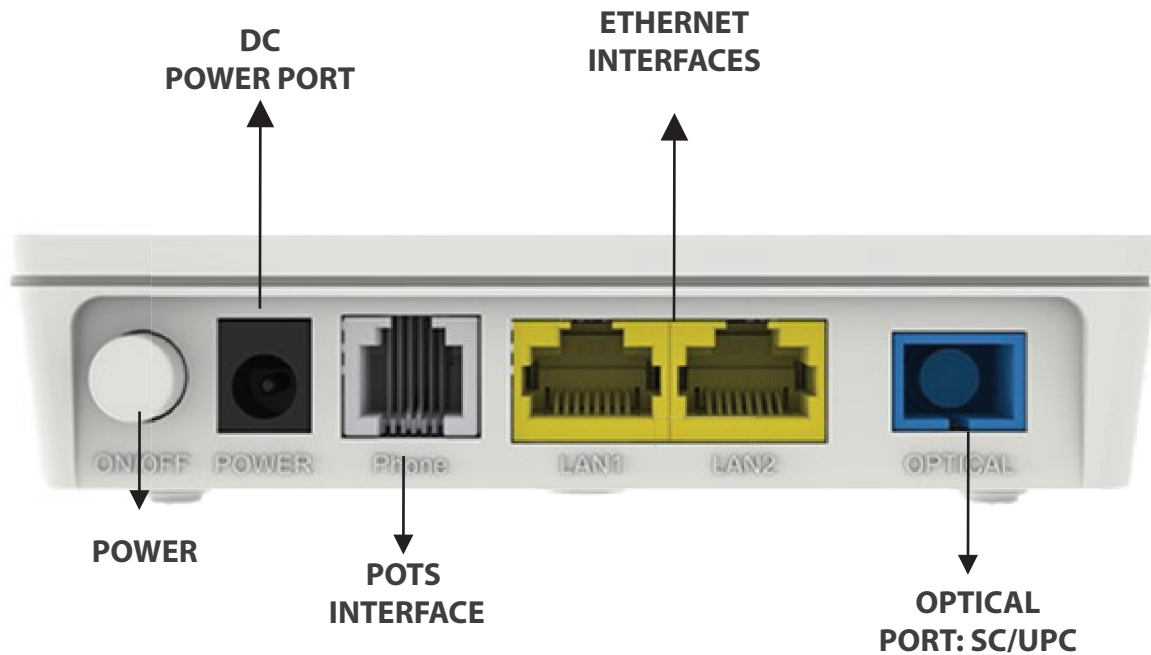
Fast deployment and easy operation

Convenient installation methods and disk fibre design make installation easier. Through the batch configuration operation of the network management system, zero-configuration on-site is achieved.

Low power consumption, green and energy saving

The corresponding status monitoring can be performed according to whether the ONT is idle or not, and enter a low power consumption state, which fully reflects the design of green energy saving and emission reduction.

Detailed Description

DC
POWER PORT

ETHERNET
INTERFACES

POWER

POTS
INTERFACE

OPTICAL
PORT: SC/UPC

HUAWEI

POWER PON LOS LAN1 LAN2 TEL

POWER

PON

OPTICAL
SIGNAL LOSS

LAN

TEL

ON/OFF POWER Phone LAN1 LAN2 OPTICAL

Technical Specifications

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Brand	Huawei
Model	HG8120L
Ports	1GE+1FE+1POT/1FE+1POT
Dimensions (H x W x D) (mm)	134 mm x 115 mm x 27 mm
Weight	< 500 g
Operating temperature	0°C to +40°C
Operating humidity	5% RH to 95% RH (non-condensing)
Power adapter input	100–240 V AC, 50–60 Hz
System power supply	11–14 V DC, 0.5 A
Static power consumption	3.5 W
Maximum power consumption	5.5 W
Indicators	POWER/PON/LOS/LA

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