

EchoLife



HG8010 GPON Terminal

The EchoLife HG8010 is an indoor optical network terminal (ONT) in Huawei FTTH solution. By using the GPON technology, ultra-broadband access is provided for home and SOHO users. The HG8010 provides one GE/FE auto-adapting Ethernet port. The HG8010 features high-performance forwarding capabilities to ensure excellent experience with VoIP, Internet and HD video services. Therefore, the HG8010 provides a perfect terminal solution and future-oriented service supporting capabilities for FTTH deployment.

Product Highlights

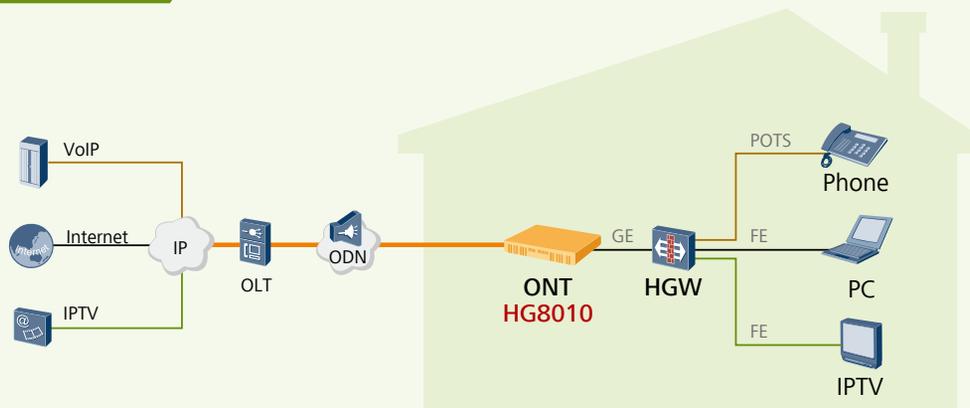
- **Plug-and-play (PnP):** Internet, IPTV and VoIP services can be deployed by one click on the NMS and on-site configuration is not required.
- **Remote diagnosis:** Remote fault locating is implemented by the precise positioning feeder and drop cables, and identifying problems of software and hardware.
- **Link monitoring:** E2E link detection is achieved using 802.1ag Ethernet OAM.
- **High speed forwarding:** GE line rate forwarding

*Digital Home,
Creative Life*

HUAWEI TECHNOLOGIES CO., LTD.



Network Diagram



Key Features

GPON features

- Class B+ optical module
- Security authentication mode: SN, password or SN+password
- Upstream/downstream FEC
- GEM port mapping mode: VLAN, 802.1p, VLAN+ 802.1p, IPToS, physical port

Multicast features

- IGMP V2&V3 snooping

Ethernet features

- VLAN filtering and VLAN transparent transmission
- VLAN N:1 aggregation and VLAN 1:1 translation

Maintenance features

- Local management using Web and remote management using OMCI
- Optical power monitoring
- 802.1ag Ethernet OAM

Reliability features

- Dual systems for software Protection
- Type B protection and rogue ONT detection

Green energy-saving features

- Dynamic power consumption adjustment

Product Specifications



Dimensions(W x D x H)	143 mm x 115 mm x 30 mm
Port	1GE
Average power consumption	5.5 W
Operating environment	Temperature: 0°C ~ +40°C; Humidity: 5%–95%, non-condensing
Power supply	Adapter input: 100–240 V AC, 50–60Hz; Adapter output: 11–14 V DC, 1 A
Weight	About 400g (including the power adapter)

Copyright © Huawei Technologies Co., Ltd. 2011. All rights reserved.

THIS DOCUMENT IS FOR INFORMATION PURPOSE ONLY, AND DOES NOT CONSTITUTE ANY KIND OF WARRANTIES.

HUAWEI TECHNOLOGIES CO., LTD.

Huawei Industrial Base

Bantian Longgang

Shenzhen 518129, P.R. China

Tel: +86-755-28780808

Version No.: M3-013030802-20110119-C-2.0

www.huawei.com