EchoLife

HG861 GPON Terminal

The EchoLife HG861 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 HG861 provides one GE/FE auto-adapting Ethernet port and one CATV port. The HG861 features high-performance forwarding capabilities to ensure excellent experience with VoIP, Internet and HD video services. Therefore, the HG861 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.
- **High speed forwarding**: GE line rate forwarding

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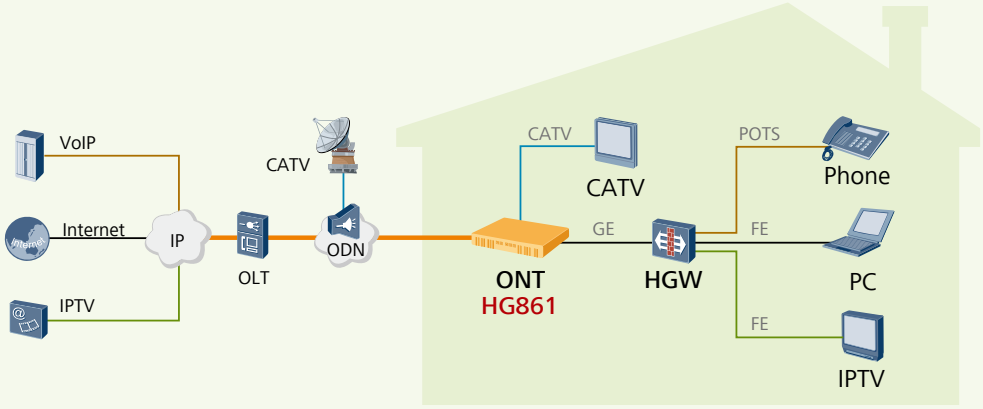
Network Diagram



Key Features

GPON features

- Class B+ optical module
- Security authentication mode: SN, password or SN+password
- 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 QinQ

Maintenance features

- Local management using Web and remote management using OMCI
- Optical power monitoring

Reliability features

- Dual systems for software protection

Product Specifications

Dimensions(W x D x H)	212 mm x 163 mm x 45 mm
Port	1GE + 1CATV
Average power consumption	7.5 W
Operating environment	Temperature: 0℃ ~ +40℃ 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 750g (including the power adapter)

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

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