

## Product Description

### Huawei Echolife HS8545M5 WIFI ONU With External Antenna,Router GPON ONT HS8545M5

The EchoLife HS8545M5, an optical network terminal (ONT), is a high-end home gateway in Huawei FTTH solution. By using the GPON technology, ultra-broadband access is provided for home and SOHO users. The HS8545M5 provides 1\* POTS ports, 1\*GE+3\* FE auto-adapting Ethernet ports, and 2\* Wi-Fi port. The HS8545M5 features high-performance forwarding capabilities to ensure excellent experience with VoIP, Internet and HD video services. Therefore, the HS8545M5 provides a perfect terminal solution and future oriented service supporting capabilities for FTTH deployment.



### Huawei GPON ONU HS8545M5 Product Specifications

- \*Dimensions(W x D x H):250 mm x 185 mm x 35 mm
- \*Port:1POTS+1GE+3FE+1USB+1Wi-Fi
- \*Average power consumption:8 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 500g (including the power adapter)



## Product Highlights

- 1.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.
- 2.Remote diagnosis: Remote fault locating is implemented by the loop-line test of POTS ports, call emulation and PPPoE dialup emulation initiated by the NMS.
- 3.Link monitoring: E2E link detection is achieved using 802.1ag Ethernet OAM.
- 4.High speed forwarding: GE line rate forwarding in the bridging scenario and 900 Mbit/s forwarding in the NAT scenario.
- 5.Green energy-saving: 25% power consumption is saved with highly integrated system on chipset (SOC) solution, in which, a single chip integrates with PON, voice, gateway and LSW modules.

## Maintenance features

- \*Local management using Web and remote management using TR069 and OMCI
- \*Optical power monitoring
- \*802.1ag Ethernet OAM
- \*Loop-line test of POTS ports,call emulation and PPPoE dialup emulation

## Green engery-saving features

- \*Dynamic power consumption adjustment
- \*With a backup battery, the guaranteed services can be selected flexibly

## GPON features

- \*Class B+ optical module
- \*Security authentication mode: SN, password or SN+password
- \*Upstream/downstream FEC

## Routing features

- \*NAT function
- \*Internet, IPTV and VoIP services are automatically bound to ONT ports
- \*Virtual server, port trigger, DMZ,and DDNS

## Reliability features

- \*Dual systems for software protection
- \*Type B protection and rogue ONT detection
- \*Lithium battery backup and backup battery monitoring

## Voice features

- \*SIP and H.248 protocols
- \*Media stream and signaling stream separation

## Multicast features

- \*IGMP V2&V3 snooping/IGMP proxy

## Wi-Fi features

- \*802.11b/g/n, certified by the Wi-Fi Alliance