

**EQUIPOS DE FUSIÓN  
Y MEDICIÓN**



**BY FIBER SYSTEM**

**PRODUCT MANUAL**

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ECHOLIFE HUAWEI HN8546Q

# ECHOLIFE HUAWEI HN8546Q

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# Product Overview

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Echolife Huawei HN8546Q is an intelligent routing optical network terminal (ONT) integrated into Huawei's FTTH solution. Using XG-PON: class N1 / N2a with 3X Wireless Gain: 5dBi. The Wavelength: uplink 1260-1280nm, downlink 1575-1580.

Features high-performance forwarding capabilities to ensure excellent experience with Internet and HD video services. Therefore, it provides a perfect terminal solution and future-oriented service supporting capabilities for FTTH deployment.

# Main Characteristics

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## Features

- XG-PON: class N1 / N2a
- Upstream 2.5Gbps, downstream 10Gbps
- 1POTS + 4GE + 2USB + 2.4G and 5G Wi-Fi
- Wavelength: uplink 1260-1280nm, downlink 1575-1580



## Applications

- Receive sensitivity: -28dBm
- IEEE 802.11 b / g / n (2.4G)
- IEEE 802.11 / n / ac (5G)
- 3X Wireless Gain: 5dBi

# Technical Specifications

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Dimensions (width × depth × height) 210mm \* 159.5mm \* 36mm

Weight <500g

Operating temperature 0°C to +40°C

Operating humidity 5% RH to 95% RH, non-condensing

Power supply 11-14V DC 3A

Input power adapter AC 180-240V 50 / 60HZ

Electrostatic energy consumption <8W

Maximum power consumption <30W

Port characteristics 1POTS + 4GE + 2USB + 2.4G and 5G Wi-Fi

Optical interface SC / UPC

Interface parameters

PON port

\* XG-PON: class N1 / N2a

\* Receive sensitivity: -28dBm

\* Wavelength: uplink 1260-1280nm, downlink 1575-1580

\* Support band stop filter (WBF)

\* Gem port and flexible mapping

\* Authentication: MAC / Key / SN / password / SN + password

/OMCI-based two-way authentication (XG-PON);

\* Supports upstream and downstream EC (forward Error correction)

\* Support DBA from SR, NSR

\* Upstream and downstream speed:

Upstream 2.5Gbps, downstream 10Gbps

Ethernet port

\* VLAN tag based on Ethernet port / tag stripping

\* 1: 1 VLAN / N: 1 VLAN / Transparent Broadcast VLAN

\* QinQ VLAN

\* MAC address limit

\* MAC address learning

# Technical Specifications

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## Pots

- \* Maximum number of telephones connected to an interface: 4 REN
- \* Supports g Codec. 711A / u, g. 729a / b and g. 722
- \* Supports fax by t.30 / t.38 / g.711
- \* DTMF
- \* Emergency call (SIP protocol)

## Wlan

- \* IEEE 802.11 b / g / n (2.4G)
- \* IEEE 802.11 / n / ac (5G)
- \* 3x3 MIMO
- \* 2.4-2.4835 GHz EIRP 100mW
- \* 5.15-5.25 GHz / 5.25-5.35 GHz EIRP 200mW
- \* Wireless gain: 5dBi
- \* WMM (WIFI multimedia)
- \* More SSID
- \* WPS
- \* 2.4G / 5G concurrency
- \* Port speed:

2.4G: 450Mbps

5G: 1300Mbps

## USB

- \* USB2.0
- \* USB3.0
- \* Network storage
- \* File sharing / print sharing based on SAMBA
- \* DLNA DMS / UPnP (media server)

## Software version

V3R1018C00S108





# CONTACTOS



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