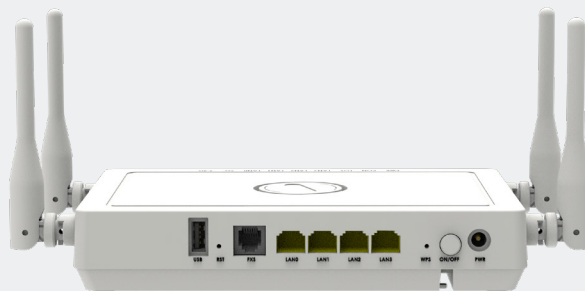


HFCL XPON ONT

Model No. OHG-5110-E14A

Dual Band Wi-Fi 5 ONT with, 4x1G LAN Port,
1x FXS Port, 1x USB Port and External Antenna



Product Overview

OHG-5110-E14A is a high performance device, provides the best wireless connection in both 2.4GHz@ 300Mbps and 5GHz@ 867Mbps frequency bands. It is a true Gigabit, dual-band XPON optical network terminal designed to deliver triple play services (voice, video and data) to residential subscribers.



Main Features

- Supports EPON and GPON OLTs
- Supports dual stack (IPv4 and IPv6)
- Supports TR069, NAT and loop detection
- Wireless IEEE 802.11b/g/n/ac
- Supports Multiple SSIDs
- Port forwarding and demilitarized zone/dynamic domain name system (DMZ/DDNS)
- Optics support received signal strength indication (RSSI)
- Dual-band for combined wireless speeds of up 1200Mbps at 2.4GHz and 5GHz band concurrently
- Supports PPPoE, DHCP and static IP configuration for WAN interface

Interfaces

Data/ IPTV	4x 10/100/1000 Base T Ethernet port/ RJ 45 connector
Wireless	2.4GHz & 5GHz 2x2 External antennas
Fiber type	Single mode
Telephony	1x FXS port
PON	SC/APC and SC/UPC
USB connector	1x USB 2.0 host
Ethernet	Ethernet port auto-negotiation or manual configuration with medium dependent interface/ medium dependent interface crossover (MDI/ MDIX)

Telephone

Protocols	SIP
General	One FXS port for connecting to analog telephones.
Other features	Call forwarding, Call waiting, Call block, 3-way conference call

Data and Security

Traffic and QOS	802.11Q VLAN; 802.11p voice, video, data and management priorities; Q-in-Q tagging, and NAT
WAN type	Dynamic IP/ Static IP/ PPPoE/ IPoE
IP mode	IPv4, IPv6 and dual stack (IPv4 and IPv6)
DHCP	Server, Client, DHCP Client List, Address Reservation
Parental control	URL blocking and domain blocking
Other features	Auto MDI/MDIX crossover for 1000BASE-TX, 100BASE-TX, and 10BASE-T port
Firewall security	DoS, DMZ, IP Address Filter, MAC Address, port forwarding and UPnP

Working Environment and Other

Dimension (WxDxH)	20 x 13 x 3 cm
Weight	< 400 g
Power supply	12v DC, 1A/1.5A
Operating temperature	0°C - 50°C (32°F - 122°F)
Storage temperature	-40°C - 70°C (-40°F - 158°F)
Operating humidity	10% ~ 90%, non-condensing
Storage humidity	5% ~ 90% non-condensing
Reset button	A tact switch
WPS button	A tact switch
Power button	Power on/off switch

Wireless

2.4GHz frequency	2412 ~ 2472 MHz ISM band (channels 1~11)
5GHz frequency	5.15 GHz to 5.85 GHz ISM band (channels 36 ~ 165)
Standard	802.11 b/g/n/ac
Antenna gain	5dBi
Wireless security	Wi-Fi protected access (WPA/WPA2) including preshard key, WEP and MAC address filtering.
Transmission speed	2.4GHz Frequency IEEE 802.11b : 11/5.5/2/1M(Auto) IEEE 802.11g : 54/48/36/24/18/12/9/6(Auto) IEEE 802.11n : 270/243/216/162/108/81/54/27 Mbps, up to 300Mbps
	5GHz Frequency IEEE 802.11n : Highest transmission speed up to 300Mbps IEEE 802.11ac : Highest transmission speed up to 867Mbps

Remote Management

TR-069 remote management.

TR-098 Internet Gateway Device Data Model.

TR-104 Provisioning Parameters for VoIP CPE.

Ordering Information

Model No.	Description
OHG-5110-E14A	io Dual Band Wi-Fi 5 ONT with, 4 x 1G LAN Port, 1 x FXS Port, 1 x USB Port and External Antenna



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