RLTECH

F2TH

DNS

Support TR069,NAT, DMZ,DNS features

Support IGMP multicast and using bandwidth efficiently

Support Multiple VLAN

Support network storm control

IPTV

Support IPV6 ,PPPoE, DHCP and Static IP configuration for WAN Interface

Support IP, MAC filtering, Firewall Functionality in routed mode

RH801G
xPON ONT

TEC Certified

1. Product Overview

By introducing latest GPON (Gigabit-Capable PON) access technology, The RLTECH RH801G xPON ONU brings carrier class high-end networking solution for advanced triple play services. The device is fully compliant with ITU-T G.984 standard, Layer 2/3, RH801G support the comprehensive triple-play services, including data, video (IPTV or VoD), and high-speed internet access service

2. Key Feature Support on RH801G

Features	RH801G
GPON Features	Compliant with ITU-T G.984 GPON standard
	FEC (Forward Error Correction) in both upstream and downstream
	QoS scheduling based on SP or WRR between GEM port and T-CONT
	PowDownstream multicast GEM port and broadcast GEM porter turn on/off
Ethernet Feature	Support Auto-speed and MDI/MDIX auto detection
	Internal L2 switch
	Advanced data processing function,Such as VLAN label processing, flow classification
Gateway Feature	WAN support Router and Bridge mode
	Router mode supports PPPoE/DHCP/ static IP
	WAN support Internet、VoIP、IPTV、TR069
	LAN supports DHCP and static IP
	Support NAT and NAPT
OAM Feature	Standard OMCI (the embedded operations channel)compliant with ITU-T G.988
	Compliant with TR-069 standard
	Compliant with TR-098、TR-140 terminal integrated management interface
	Alarm reporting, performance monitoring

3. Product Specification

GPON Interface

Rate	Upsteam: 1.244Gbps Downsteam: 2.488Gbps
Interface standard	ITU-T G.984.2/ITU-T G.984.3/ITU-TG.988 Class B+
Launch power	Min: 0dBm Max: +5dBm
Sensitivity	-27dBm
Input Power Overload	-8dBm

Service Interface

GPON Interface	1 GPON Port
Data Interface	1 GE

Environmental conditions

Storage	Temperature -10 to 70°C, rel. humidity 10-90% (non-condensing)
Operation	Temperature 0 to 45°C, rel. humidity 10-90% (non-condensing)

Power Supply and Consumption

Power Adaptor	Input: 100 to 240 V AC, 50/60 Hz; Output: 12 V, 0.5A
Consumption	≤4W

Physical specifications

Dimensions	108mm×85mm×26mm（L×W×H）
Weight	0.20KG

4. Key Benifits and Features

Features	RH801G
RH801G	ITUG.984 GPON compliant
	SFU or HGU Mode
	Multiple Management Options
	Compatible with Third-party OLTs

5. Network Mode

RH801G is the FTTH mode terminal equipment which designed for indoor applications.
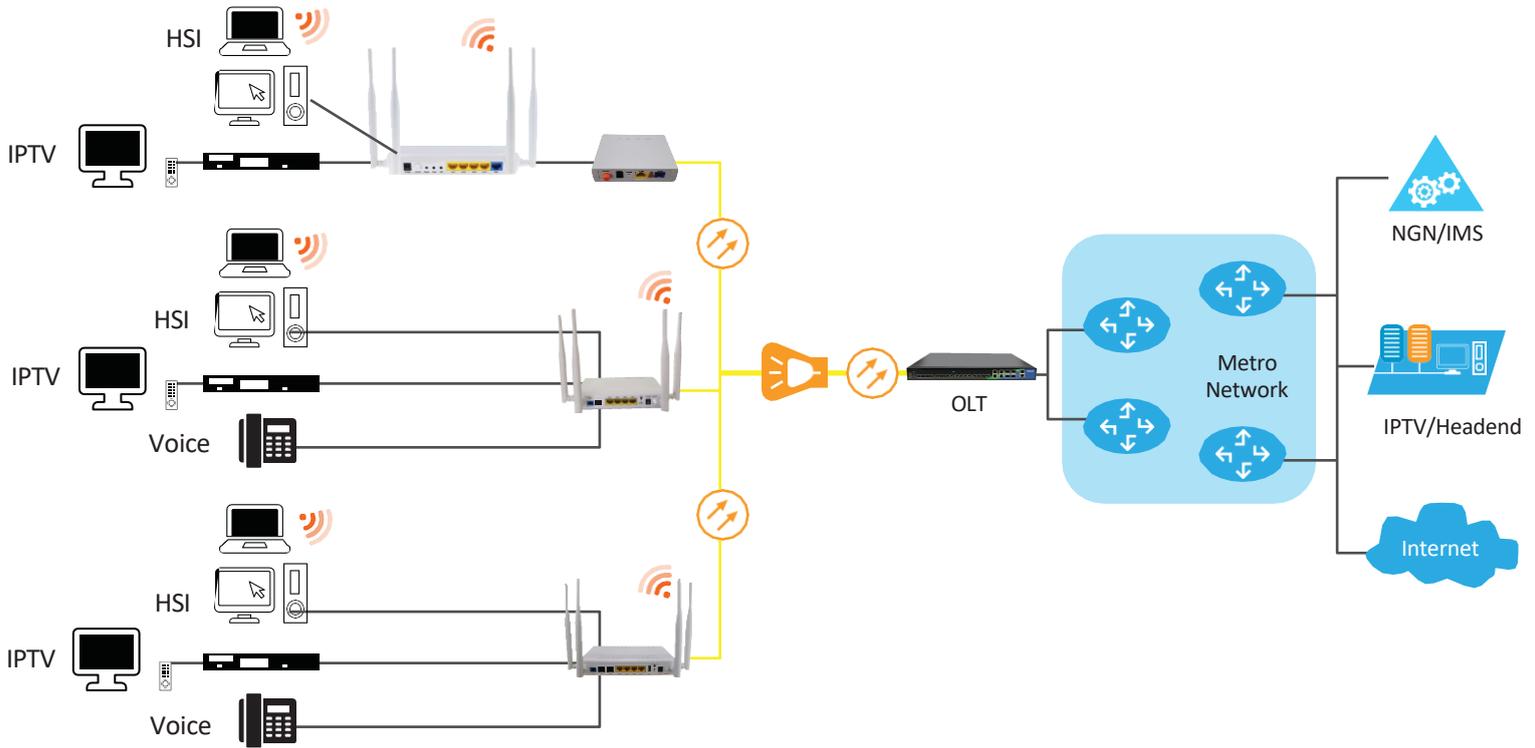
Sold & supported by: Authorized Distributor for South India

F2TH Communications Pvt Ltd, 165, 9th Cross, Indiranagar 1st Stage, Bangalore- 560038

8197023395   ✉ sales@f2th.in   🌐 www.f2th.in