

V-SOL 1GE+1FE+WiFi(Mesh)
Wireless Router HG3610ACM

Datasheet

Version 2.0



Wi-Fi 5
2.4G/5G Dual Band
EasyMesh



1. Product Overview

The V-SOL Dual Band 802.11ac wireless router devices HG3610ACM delivers high performance wireless connectivity for Small Office and Home(SOHO) deployments and support dual band concurrent operation at 2.4GHz and 5GHz with combined throughput of 1.2Gbps(300Mbps at 2.4GHz and 867Mbps at 5GHz). HG3610ACM support Wi-Fi EasyMesh that brings a standards-based approach to Wi-Fi networks that utilize multiple access points (APs), combining the benefits of easy to use, self-adapting Wi-Fi with greater flexibility in device choice that comes with interoperable Wi-Fi EasyMesh devices.

2. Product appearance features



Figure 1 1GE+1FE+1POTS+WiFi4/5 HGU

3 Application Chart

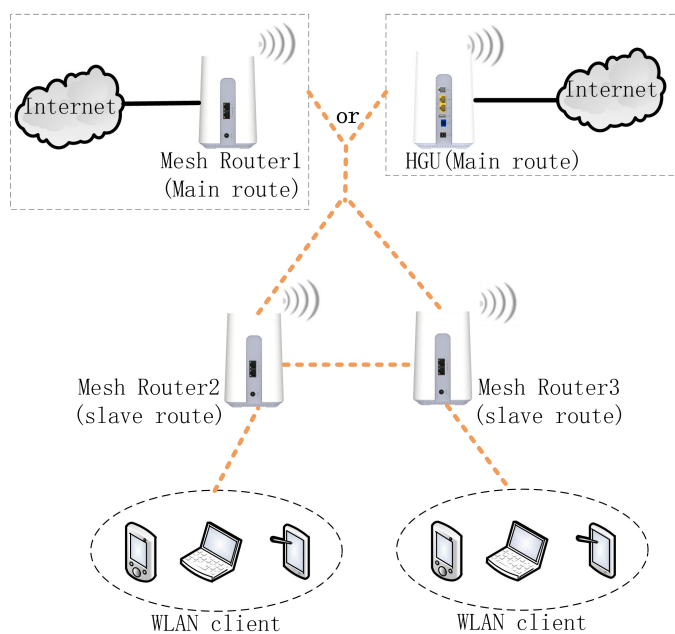


Figure 2 Application Chart

4 Technical parameters

| Technical item | 1*GE+1*FE+WiFi |
|----------------------|--|
| LAN interface | 2*10/100/1000Mbps auto adaptive Ethernet interfaces, Full/Half, RJ45 connector |
| WiFi interface | Compliant with IEEE802.11b/g/n/ac 2.4GHz Operating frequency: 2.400-2.483GHz (WiFi 4) 5.0GHz Operating frequency: 5.150-5.825GHz (WiFi 5 wave 2) WiFi: MIMO 2×2 For 2.4GHz,MIMO 2×2 For 5.0GHz, 4×5dBi external antenna, rate up to 1.166Gbps,Multiple SSID TX power: 11n--22dBm/11ac--24dBm |
| LED | 3, For Status of SYS,LAN1,LAN2 |
| Operating Enviroment | Temperature: 0°C ~+50°C Humidity: 10%~90% (non-condensing) |
| Storing Enviroment | Temperature: -30°C ~+60°C Humidity: 10%~90% (non-condensing) |
| Power Supply | DC 12V/1A,10W |
| Dimension | 115mm×115mm×180m(L×W×H) |
| Net weight | 560g |

Table 2 Technical parameters

- Panel lights



Figure 3 Panel lights on

■ Interface description

| LED | Mark | Status | Description |
|----------------------------|----------|--------|---|
| System | SYS | Off | The device is not running. |
| | | On | Green: WAN connected or mesh connected. |
| | | | Orange: The device is on slave route mode. |
| | | | Red: The device is starting. |
| | | Blink | Green: Mesh is not connected or connecting. |
| Orange: WAN is connecting. | | | |
| Ethernet | WAN /LAN | On | Port is connected properly. |
| | | Off | Port connection exception or not connected. |
| | | Blink | Port is sending or/and receiving data. |

Table 3 Interface description

● Interface/button Panel



Figure 4 Interface/button Panel

| Name | Function |
|--------------|--|
| WAN/LAN | Connect PC or other devices with Ethernet port by Cat5 cable, RJ-45 connector. |
| DC 12V | Connect with power adapter. DC 12V, 1.5A. |
| Round button | Press button quickly to form a network with other mesh devices. |
| RST | Press RST button over 10 seconds to restore router to factory default. |

Table 4 Interface/button Panel

5 Software function

| Fuction | Description |
|------------------------|--|
| Management Mode | WEB |
| Data Service Functions | Full speed non-blocking switching 2K MAC address table Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc Support auto polarity detection of Ethernet ports (AUTO MDIX) Integrated IEEE802.1p QoS with four level priority queues Support IGMP v1/v2/v3 snooping/proxy and MLD v1/v2 snooping/proxy Support bridge, router and bridge/router mixed mode |
| WiFi Service Functions | Integrated 802.11b/g/n/ac Support max 128 users Support Wi-Fi CERTIFIED EasyMesh Authentication : WEP/WAP-PSK(TKIP)/WAP2-PSK(AES) Modulation type: DSSS、 CCK and OFDM Encoding scheme: BPSK、 QPSK、 16QAM and 64QAM |
| WAN Function | PPPoE,DHCP Client,Static IP |