

Device Provisioning

Huawei HG659 Router VOIP Port Provisioning

The Huawei HG659 Router has a built-in VOIP port which can be configured to work with Hero. The following guide explains how to configure a Hero phone number on Phone Port on the router.

1. Configure your VOIP settings in the telephony tab

- Select 'Telephony' from the tabs at the top of the page and click on the VoIP page
- Set Provider name to 'Hero'
- Set Primary registrar to 'phone.hero.co.nz' and port to 5060
- Set Primary proxy to 'phone.hero.co.nz' and port to 5060
- Set SIP Domain to 'phone.hero.co.nz'
- Set Local Port to 5060
- Tick the 'use outbound' check box
- Set Outbound server to 'phone.hero.co.nz' and Port to 5060
- Save Settings

2. Create a new VOIP provider

- Set SIP number to your Hero phone number (e.g. 092420001)
- Set Username to your Hero phone number (e.g. 092420001)
- Set Password to your Hero password
- Ensure that the 'Enabled' check box is ticked

Device Provisioning

Home	Internet	Home Network	Sharing	Telephony	Maintain
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VoIP	Telephone	Line Status	Call Log	Dial Plan	Advanced
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VoIP

After a phone is connected to the HG659, the VoIP function allows you to make and receive calls. Unlike PSTN, VoIP uses network bandwidth.

VoIP Providers [What's this?](#)

Hero	Edit	Delete
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Provider name:

Primary registrar: Port:

Primary proxy: Port:

SIP domain:

Local port:

Use outbound:

Outbound servers: Port:

Use secondary server:

[+ New VoIP provider](#)

VoIP Numbers [What's this?](#)

VoIP provider:

Online	Edit	Delete
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SIP number:

Username:

Password:

Enable:

3. Set up your codec preferences (if required)

- We recommend setting your Codec 1 setting to G.711ALaw unless you wish to save bandwidth in which case you can select G.729 as your preferred codec.

Device Provisioning

- Set DTMF Mode to RFC2833
- Set the Fax codecs to T38 as Codec 1 if you are plugging in a Fax machine

Home Internet Home Network Sharing **Telephony** Maintain

Advanced

Codec,DTMF,FAX Codec of Line and TAPI parameters can be configured here.

▼ **Call Settings** [What's this?](#)

042420007 [Edit](#)

Codec 1: G.711ALaw ▼

Codec 2: G.711MuLaw ▼

Codec 3: G.722 ▼

Codec 4: G.728-32 ▼

Codec 5: G.728-24 ▼

Codec 6: G.729 ▼

DTMF mode: RFC2833 ▼

Fax codec 1: G711A ▼

Fax codec 2: G711U ▼

Fax codec 3: T38 ▼

Enable CLIP:

Cancel Save

4. Enable service 'Voice' under the Internet Settings

This final step is important as your phone will not work unless you tick the Voice check box under your Internet settings.

- Click on the Internet tab and scroll down to your Active Internet connection type
- Next to the 'Service Type' ensure that you have ticked the Voice check box
- Below is a screenshot of an example Internet connection using PPP although your connection details may differ.

Device Provisioning

Home **Internet** Home Network Sharing Telephony Maintain

Internet Settings
IPTV Service
Layer2Bridging
Parental Control
Network Security
Bandwidth Control
Internet Services
VPN
Forwarding
Routing Rules

Internet Settings

You can view the connection status of the HG659.

▶ **INTERNET_ADSL_0_100**

▶ **INTERNET_VDSL_VID_10**

▼ **INTERNET_ETH_VID**

Access type: Ethernet
IPv4 status: Disconnected
Delete Edit Restart Connection

Basic Information

Enable connection:

Name:

Service type: INTERNET VOICE Other

Connection type:

MRU:

MSS:

NAT type:

Link Information

Enable VLAN:

PPP Information

PPP authentication mode:

PPP trigger mode: Always online Dial manually Dial on demand

Internet account:

Internet password:

PPP service name:

IP Information

IP protocol version:

Static DNS:

Cancel Save

If you are having any further issues getting your Huawei HG659 Router configure to work with Hero then contact our Support team and we will do our best to assist you.

Device Provisioning

Unique solution ID: #1122

Author: Support

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