



**Settings and configuration guide for Billion BiPAC 6404VGP**

Once you are logged into the Billion router please click onto configuration then VoIP.

**BILLION™** VoIP/802.11a Broadband Firewall Router

**VoIP Wizard**

**Voice QoS**

DSCP Marking: Premium

**Setting for Phone Port 1** [Select Profile](#)

SIP Service Provider: sip00.mynetfone.com.au

Phone Number: 09xxxxxx

Authentication Username: 09xxxxxx (if empty, same as Phone Number.)

Authentication Password: [masked]

**Setting for Phone Port 2** [Select Profile](#)  Same as Phone Port 1

SIP Service Provider: FWD

Phone Number: [empty]

Authentication Username: [empty] (if empty, same as Phone Number.)

Authentication Password: [empty]

**Caution!** The VoIP configuration will take effect only when you apply the changes, save configuration and restart the device.

[VoIP User-defined Profiles](#)

Fill in the following fields as follows;

- DSCP Marking – Premium
- Sip Service Provider – sipxx.mynetfone.com.au
- Phone Number – Your MyNetFone login number (09xxxxxx)
- Authentication password – Your account portal password (Case sensitive)

Please then go to General Settings.

The screenshot shows the configuration interface for a Billion VoIP/802.11q Broadband Firewall Router. The left sidebar contains a menu with options: Status, ATA/Router Mode, Configuration, LAN, System, Firewall, VoIP, Wizard, General Settings, Phone Port, PSTN Dial Plan, VoIP Dial Plan, Call Features, Ring & Tone, QoS, Virtual Server, Time Schedule, Advanced, Save Config to FLASH, and Language. The main content area is titled "General Settings" and "SIP Device Parameters" (Advanced). It includes sections for "Setting for Phone Port 1" and "Setting for Phone Port 2", each with a "Sync Now" button. The "Setting for Phone Port 1" section contains the following fields: SIP (radio buttons for Enable/Disable), Silence Suppression (VAD) (radio buttons for Enable/Disable), Echo Cancellation (radio buttons for Enable/Disable), RTP Port (text box with value 5100), Region (dropdown menu with value Australia), and Voice QoS, DSCP Marking (dropdown menu with value Premium). The "Setting for Phone Port 1" section also includes: Registrar Address(or Hostname) (text box with value sip00.mynetfone.com.au), Registrar Port (text box with value 5060), Expire (text box with value 120) seconds, User Domain/Realm (text box with value sip00.mynetfone.com.au) (If empty, it is the same as Registrar Address.), Outbound Proxy Address (text box with value sip00.mynetfone.com.au) (If empty, it is the same as Registrar Address.), and Outbound Proxy Port (text box with value 5060). The "Setting for Phone Port 2" section contains: Registrar Address(or Hostname) (text box with value sip00.mynetfone.com.au), Registrar Port (text box with value 5060), Expire (text box with value 3500) seconds, User Domain/Realm (text box with value sip00.mynetfone.com.au) (If empty, it is the same as Registrar Address.), Outbound Proxy Address (text box with value sip00.mynetfone.com.au) (If empty, it is the same as Registrar Address.), and Outbound Proxy Port (text box with value 5060). A warning icon and text at the bottom of the configuration area state: "Please note: VoIP configuration changes will only take effect when you use apply changes and select Sync Now for the relevant line, or when you apply changes, save configuration and restart the device." At the bottom of the configuration area are "Apply" and "Cancel" buttons.

In the general settings section, are the main details that need to be entered for your Billion BiPAC 6404VGP to register to the MyNetFone service.

These details are to be entered as follows;

- Registrar Address – sipxx.mynetfone.com.au
- Registrar Port – 5060
- Expire – for best results, use 120
- User Domain and Outbound Proxy Address – sipxx.mynetfone.com.au
- Outbound Proxy Port – 5060

These details can be repeated for Phone Port 2, but we recommend using a different port to 5060, such as 5061 – 5069.

Please then go to Phone Port and for each line to be edited, click edit for the appropriate line.

**BILLION™** VoIP/802.11q Broadband Firewall Router

Status  
ATA/Router Mode  
Configuration  
LAN  
System  
Firewall  
VoIP  
Wizard  
General Settings  
Phone Port  
PSTN Dial Plan  
VoIP Dial Plan  
Call Features  
Ring & Tone  
QoS  
Virtual Server  
Time Schedule  
Advanced  
Save Config to FLASH  
Language

### Phone Port 1

**Login Account Configuration**

Phone Number	09xxxxxx
Authentication Username	09xxxxxx
Authentication Password	*****
Confirm Password	*****
Display Name	09xxxxxx

**Codec Preference**

Priority 1	G.729
Priority 2	PCMU (G.711 u-Law)
Priority 3	PCMA (G.711 A-Law)
Priority 4	Non-used
DTMF Method	RFC 2833

**Speed Dial**

2#	
3#	
4#	
5#	
6#	
7#	
8#	
9#	

Apply Cancel Volume Control

The following steps are for the entries found in the phone port's edit section;

- Phone number – Your MyNetFone username (09xxxxxx)
- Authentication Username – Your MyNetFone username (09xxxxxx)
- Authentication password / confirm password – Your MyNetFone account portal password (case sensitive)
- Display name – Your MyNetFone username (09xxxxxx)
- Codec Priority 1 – For best results use G.729
- Codec Priority 2 – For quality assurance, use PCMU (G.711 u-Law)
- Codec Priority 3 – For quality assurance, use PCMA (G.711 a-Law)

Your Billion BiPAC 6404VGP should now be prepared for use, simply click on save config to flash at the bottom left of the configuration screen and allow the router to reboot.

Now you can make calls using your MyNetFone service on the Billion BiPAC 6404VGP.