

# VBell™ Video VoIP Intercom integration manual with Fibaro Intercom App

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iPad



## Introduction

The new sleek and modern VBell™ Video VoIP Intercom is a Smart Home intercom which includes a high definition camera and a two-way communication sound system using Voice over IP (VoIP) video-audio transfer technology.

The VBell™ Video VoIP Intercom can be placed anywhere; in your home, office or workshop. The intercom's camera can be accessed, at the touch of a button, via an app on your smartphone/tablet/wall monitor. Missed calls are stored in a log file with a snapshot image (and timestamp) of the caller and can be easily accessed via the app. No additional fees are required for storage.

The VBell™ Video VoIP Intercom can be integrated into the Fibaro Home Automation system as a standard VoIP device. The Voice over Internet Protocol (VoIP) is a means of placing phone calls over the internet, rather than a standard physical phone line. VoIP has come a long way in the recent years to something that is now on par with traditional phone services in terms of quality but with a vast range of additional benefits.

## Content

- Setting up the VBell™ Intercom
- Downloading and configuring the Fibaro Intercom App.
- Setting up your devices on the Fibaro Intercom App.
- Integrating your VBell™ with Fibaro HC2 system

## Setting up the VBell™ Intercom

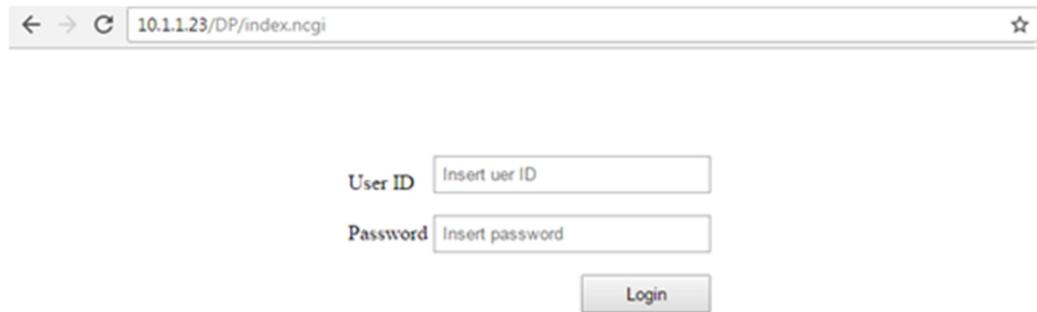
1. Set up the VBell™ Intercom according to the quick set-up guide supplied with the device.

## System Connection Diagrams



2. Connect the VBell™ Video VoIP Intercom to your router using a CAT6 ethernet cable (not included) and to a power supply if your router does not support POE (Power over Ethernet). Power will be provided to the device via the ethernet cable and the Intercom's LED will start flashing. Wait until the Intercom completes the start-up process, it usually takes less than one minute. The Intercom is set to use the DHCP boot protocol by default

and will take the next available IP address on your LAN. You can access the Intercom's user interface using its IP address.



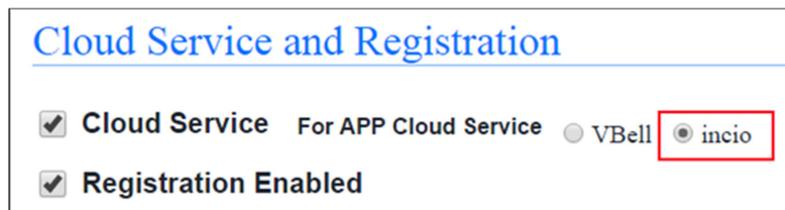
Please enter authorized information and click "Login" button to login

The User ID and password can be found in the Intercom's quick start guide.

3. After logging in you will see VBell™ interface:

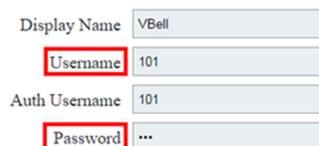


4. Go to **Service** ⇒ **SIP** and change the 'APP Cloud Service' from **VBell** to **incio** and save your changes



5. Find the VBell™'s **SIP information** (under **Cloud Service and Registration**) and note down the **username** and **password**. You can change your password. **Please don't forget to save your changes.**

#### SIP Information



Please input only 0-9, a-z, A-Z and avoid special words

## Downloading and configuring the Fibaro Intercom App.

We assume that you already have the Fibaro App installed on your iPad. Open this App and locate the Fibaro Intercom link:



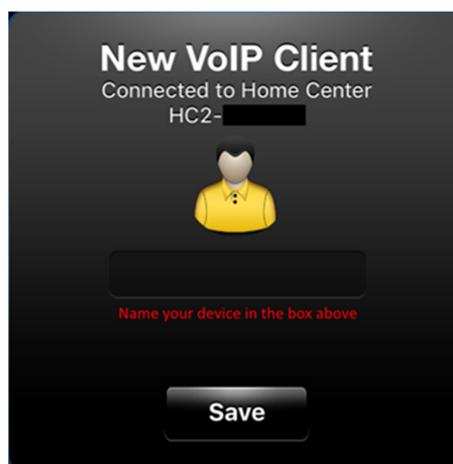
Click on it and you should see a prompt to install Fibaro Intercom App:



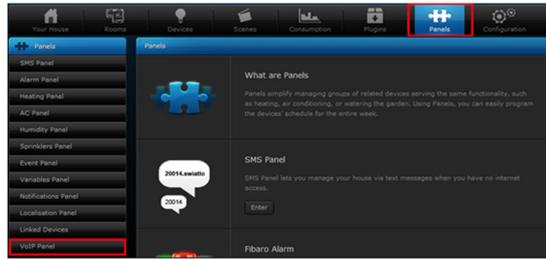
iPad



6. Access the **FIBARO Intercom App** on your smartphone/tablet and set up your details. Press **Overwrite** on the first screen to remove the need to enter your credentials again for the Fibaro HC2. Allow Microphone, Camera, Notifications and Contacts access for 'Fibaro Intercom' App. You will be asked to create and name a new **VoIP client** specific to the smartphone/tablet used during this registration step. This is the device that will be called when the intercom's dial button is pressed.



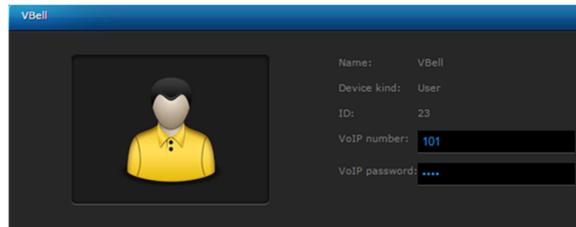
7. Login into your HC2 and go to **Panels>VoIP Panel**



8. Go to the options menu (by pressing the wrench icon) of the newly created **VoIP client** from step 6. Note the **VoIP ID** you will need it later. You can choose your own VoIP Password.



9. Create a new **VoIP client** using the VBell™'s **username (VoIP ID/Number)** and **password (VoIP Password)** from step 5 then click save.



10. Finally head back to the **VBell™ interface** and go to the **SIP Registrar**. Under **Registrar Address** enter your FIBARO gateways local IP. Under **Dial Button** enter the VoIP ID issued to you by the **FIBARO Intercom app** and your FIBARO gateways local IP in the following format: "**VoIP ID@FIBARO gateway IP**" then press **Add** and save your changes.

### SIP Registrar

Registrar Address	<input type="text" value="10.1.1.12"/>
Registrar Port	<input type="text" value="5060"/>
Registration Expires	<input type="text" value="300"/> s
Dial Button	<input type="text" value="114@10.1.1.12"/>

For example: 2001@192.168.0.254:5060

You should now be able to use your Fibaro Intercom App to view the VBell's camera, and pressing the call button on the VBell will call your phone using the Fibaro Intercom App (provided that the App is running).



As an added feature, once a device is enrolled in the Fibaro local area network (LAN) you will be able to call other devices on the LAN using the intercom app. Mobiles need to have the app open at least in the background for calls to be received.

If you would like your VBell™ to call another device when the dial button is pressed then repeat steps 6,7,8 and 10 with the new device.

## **N.B.**

Fibaro HC2 App should be always running on your iPad to communicate with VBell Intercom.

Integration with FIBARO disables the VBell's ability to push notifications to the VBell App; you can re-enable this by reversing step 3 in this guide.

## **WHOLESALE INQUIRIES**

VBell™ is distributed in Australia and New Zealand by Digital Home Systems Pty Ltd Email: [office@dhsys.com.au](mailto:office@dhsys.com.au)  
Web: [www.digitalhomesystems.com.au](http://www.digitalhomesystems.com.au) Phone: 1300+ZWAVE (1300 099 283) or +61 (3) 94 800 400

## **RETAIL SALE INQUIRIES**

Full list of authorised VBell™ retailers and installers: <https://digitalhomesystems.com.au/where-to-buy>

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