

IQM Howto

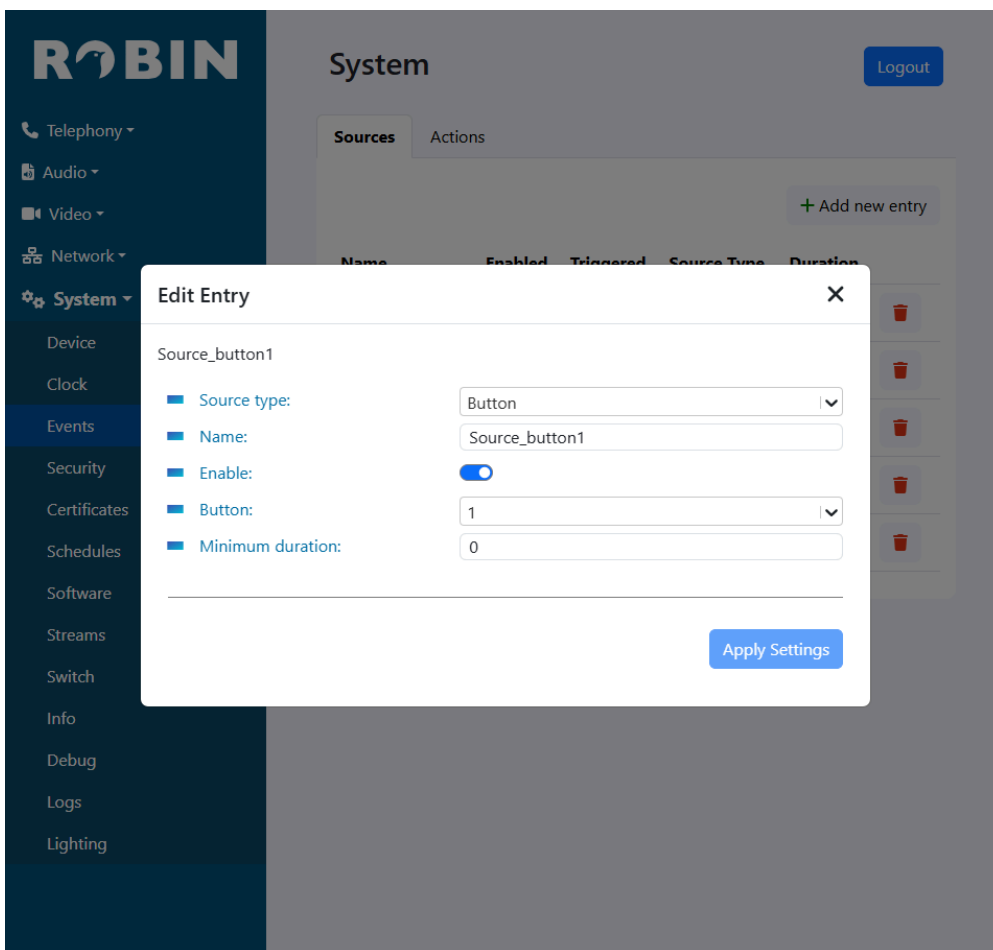
How-To: Use the Robin IQ-Messenger integration

The Robin 1080p products can be enabled to notify IQ-Messenger systems. This can be done by using an event under **System -> Settings -> Events**.

Call-Alarm

First, we want to send a message when someone is ringing the doorbell This can be done by adding a new source:

Source



- **Source type:** Button
- **Source Name:** Add any name you want.
- **Enable:** Make the source active.
- **Button:** Choose the button of the intercom that you want to use.

Note: When you have a multi-button intercom, you need to create a source for every button.

Next, you need to create an action for the button alarm:

Action

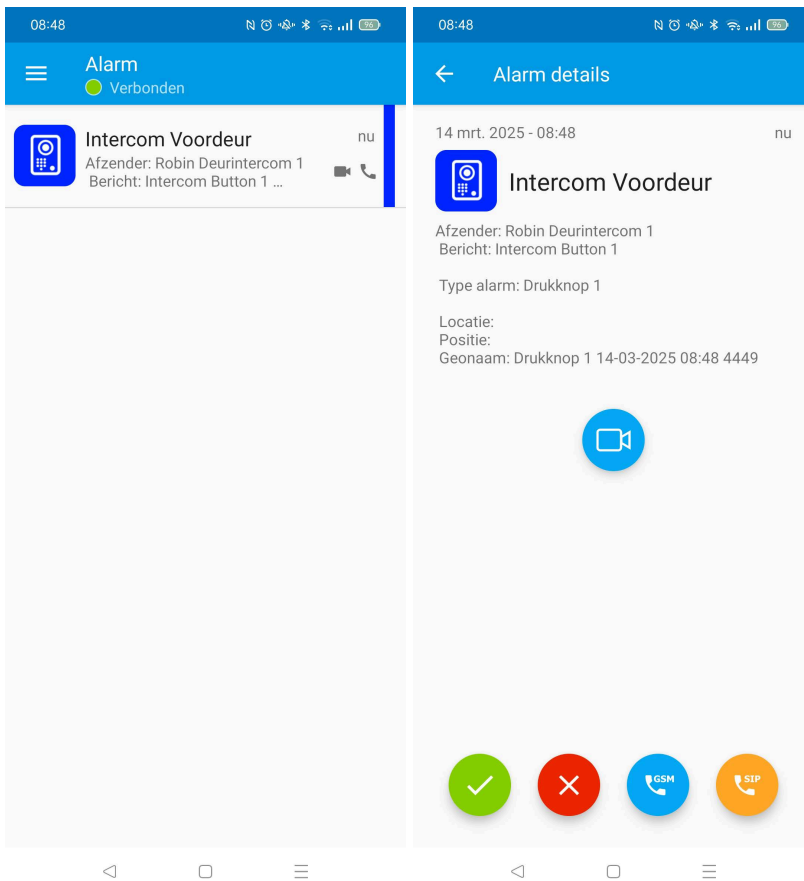
The screenshot shows the 'Edit Entry' form for an action named 'IQ_button1'. The form is part of the Robin System interface. The left sidebar shows the navigation menu with 'System' selected. The form fields are as follows:

Field	Value
Action Type	iq messenger
Name	IQ_button1
Enable	<input checked="" type="checkbox"/>
ID	xxxxxxxx
Message	Intercom Button 1
Type	Bell1
Device code	robin000001
Callback	4449
Start URL	https://iqm.telecom-service.nl/api/v1/event
Username	robin-test-api
Password
Source	Source button1
Trigger edge	Rising
Schedule	Select schedule

An 'Apply Settings' button is located at the bottom right of the form.

- **Action type:** IQ Messenger
- **Name:** You can name the action whatever you want.
- **ID:** Leave this empty unless specified.
- **Message:** This is a message that is visible in the IQM app.
- **Type:** Bell1 (this type has to be configured in the IQM server).
- **Device code:** robin000001
- **Callback:** This is the SIP registration number to make a call from the IQM app back to the intercom. You can configure this in the IQM server or leave it blank.
- **Start URL:** The URL of the IQM server.
- **Username:** The login username of your IQM server.
- **Password:** The login password of your IQM server.
- **Source:** The source that activated this action (for our use case, this is the button-1 source).
- **Trigger edge:** Rising.
- **Schedule:** Leave this open.

IQ-SmartApp-Enterprise:



Callback

To use the callback function, you need to register a SIP account in the intercom to the SIP server in the IQM environment. You can do this under **Telephony -> SIP -> Account1**.

The screenshot displays the Robin Telecom web interface. On the left is a dark blue sidebar with the 'ROBIN' logo at the top. Below the logo, there is a 'Telephony' menu with a dropdown arrow, followed by a list of options: SIP, Phonebook, Button Settings, Call Advance, Call Log, Control, Peer To Peer, Audio, Video, Network, and System. The main content area is titled 'Telephony' and has a 'Logout' button in the top right corner. Below the title, there are four tabs: 'Account 1', 'Account 2', 'Account 3', and 'Account 4'. The 'Account 1' tab is active. Underneath the tabs, there are two sub-tabs: 'General' and 'Advanced'. The 'General' sub-tab is selected. The settings for 'Account 1' are as follows:

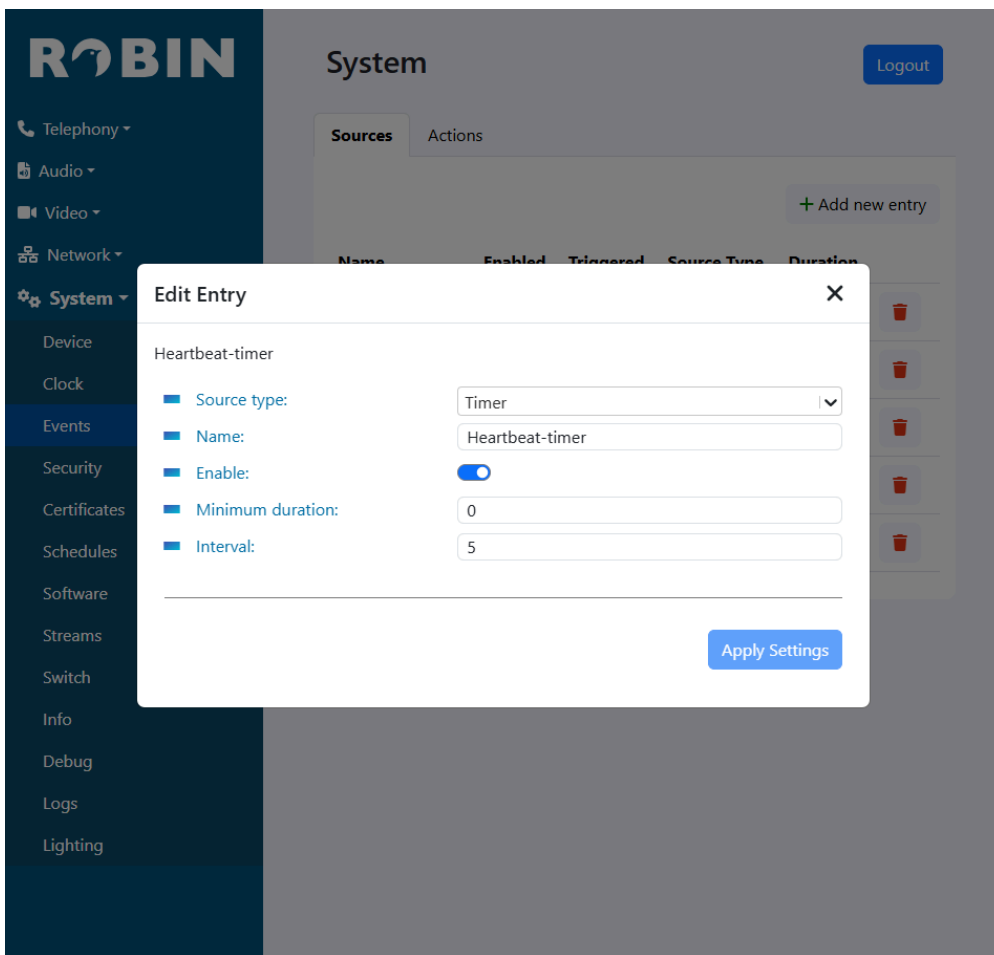
- Enable:
- Description: Account 1
- SIP Protocol: UDP
- SIP proxy / Registrar: 192.168.0.1
- SIP Proxy port number: 5060
- Line ID: 4449
- Username: 4449
- Password:
- Register:
- Registration status:

An 'Apply Settings' button is located at the bottom right of the settings panel.

Heartbeat

If you want to add the heartbeat feature for detecting when the intercom goes offline, you need to add a timer source again under **System -> Events -> Source**.

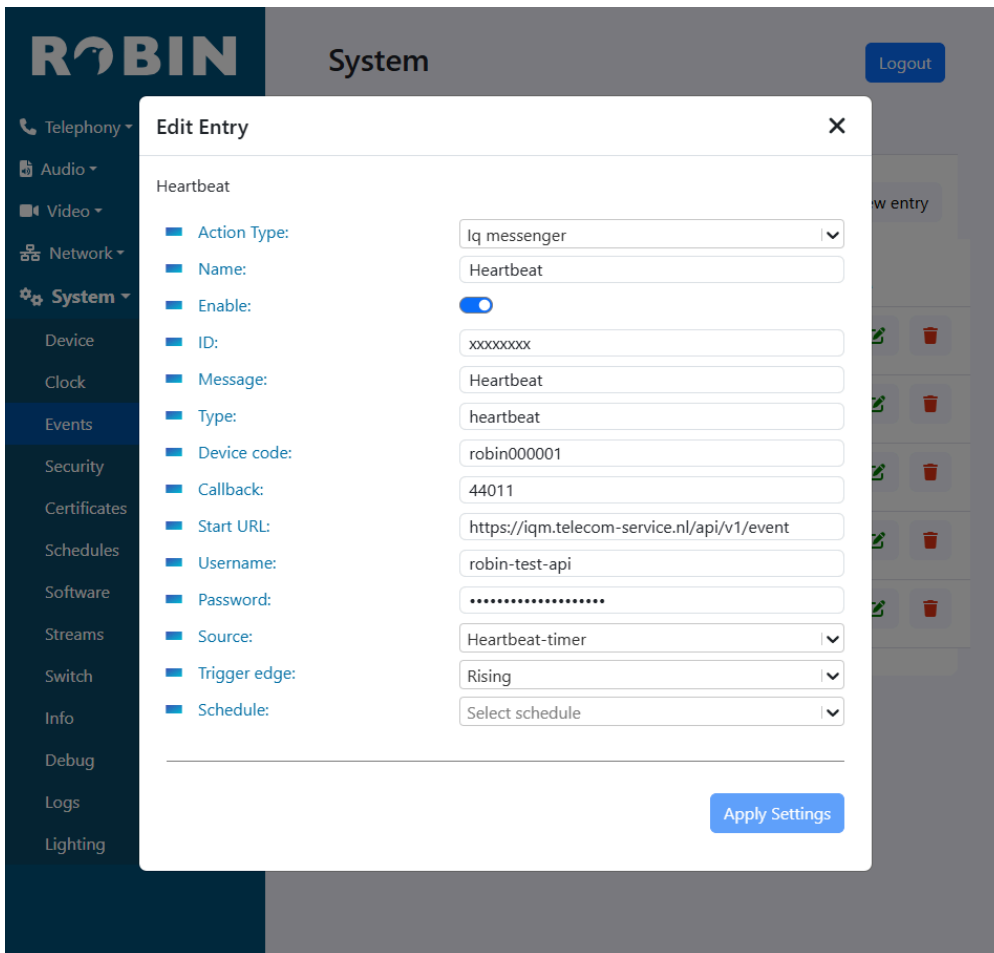
Heartbeat Source



- **Name:** You can name the source whatever you want.
- **Enable:** Enable the source.
- **Minimum duration:** Leave this at 0.
- **Interval:** Set the time in minutes.

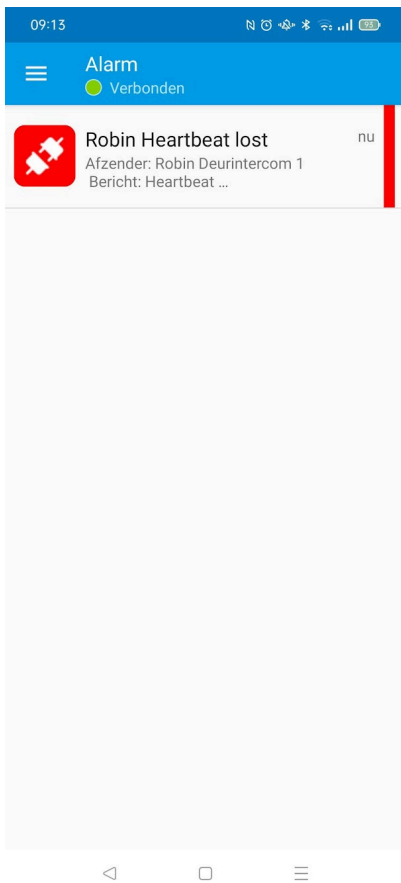
This source triggers every [interval] minutes. Now, we have to create an event to send the heartbeat to the IQM server:

Heartbeat Action



- **Action type:** IQ Messenger
- **Name:** You can name the action whatever you want.
- **Enable:** Enable this action.
- **ID:** Leave this empty unless specified.
- **Message:** Optional message content.
- **Type:** Leave blank or specify if needed.
- **Device code:** robin000001
- **Callback:** Leave blank unless specified.
- **Start URL:** The URL of the IQM server.
- **Username:** The login username of your IQM server.
- **Password:** The login password of your IQM server.
- **Source:** The source that activated this action (for our use case, this is the Heartbeat-timer source).
- **Trigger edge:** Rising.
- **Schedule:** Leave this open.

IQ-SmartApp-Enterprise Heartbeat lost:



Dooropener

You can configure the dooropener function in the IQM-server. the standard dtmf code of the doorbeel is: ##

Overgenomen van "http://localhost/mediawiki/index.php?title=IQM_Howto&oldid=115"