

Introduction

The updated frient app (v2.4.0) and Heimdall app (v2.10.14) for Homey bring the possibility of using a frient Intelligent Keypad as a control panel for the Heimdall system app.

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Integration features

1. By changing the Heimdall surveillance modes in the app or via a flow – the Intelligent Keypad mode will follow and change accordingly, allowing you to remotely manipulate the device's state.



- 2. When physically changing the Intelligent Keypad modes, the Heimdall surveillance modes will change accordingly.
- 3. Now, in Heimdall app settings, you can create multiple users who intend to use the Intelligent Keypad and for each of them assign a specific PIN code and RFID tag.

Heimdall			\sim	Heimdall				— X
Let Homey watch over your home.				Let Homey watch over	your home.			
Dashboard Devices	Users	Settings	80	Dashboard	Devices	Users	Settings	88
USERMANAGEMENT				USERMANAGEMEN	Т			
Admin Administrator			>	Username		PIN		
					Admin		1	234
frient user 1 User			>	Enabled		RFID tag		
						04	60338A4D5	081
frient user 2 User			>	Administrator				
frient user 3 User			>					
+ Add user				Save Ca	ancel	Delete		

4. No need to manually type in the RFID tag number – you can scan it with the device, and automatically assign it to the selected user in Heimdall app settings.

Intelligent Keypad with Heimdall on Homey - v1.0.0

Done	He	imdall			Done	He	imdall		
Let Homey wate	ch over your ho	ome.			Let Homey watc	h over your ho	ome.		
Dashboard	Devices	Users	Settings	91	Dashboard	Devices	Users	Settings	20
USERMANAGEN	MENT				USERMANAGEM	IENT			
Username	Frient	PIN	12	234	Frient Administrato	r			>
Enabled		RFID to	aa		+ Add user				
Admir	ew RFID tag r pp. Do you w เ	eceived fro ant to add iser?	m Frient it to this	-	RF	ID tag was a	idded to us	ser Frient	
Admin	Cancel		ОК				ОК		
Save	Cancel	Dele	e						

5. Track what happens with your Intelligent Keypad and your home in the Heimdall dashboard overview.

Heimdall				\times	Heimdall					×
Let Homey watch	h over your home.				Let Homey watch over you	ur home.				
Dashboa	rd Devic	es Users	Settings 🔮	8	Dashboard	Device	s	Users	Settings	
LOG SETTINGS	5				LOG SETTINGS					
Auto refresh)	Auto refresh					D
Use colors)	Use colors					O
Date	Time	Surveillance Mode	Source		Source		Action			
24-05-2024	11:30:57.221	Armed	Surveillance Mode	2	Surveillance Mode	Switch	Surveilla	ance mode	is armed.	
24-05-2024	11:30:54.233	Armed	Heimdall		Heimdall		Alarm E	ntry Senso	r 2 in Bedroom l	ias no
24-05-2024	11:30:54.112	Armed	Surveillance Mode	e	Surveillance Mode	Switch	Surveilla	ance mode	will be armed in	3 sec
24-05-2024	11:30:53.681	Disarmed	Intelligent Keypad	l	Intelligent Keypad		Comma	nd Frient k	eypad change sta	ite an
24-05-2024	11:30:53.681	Disarmed	Frient App		Frient App		Admin e	ntered a v	alid code and pre	ssed l
24-05-2024	11:30:47.959	Disarmed	Heimdall Settings		Heimdall Settings		Changes	to user fri	ent user 3 were s	aved.
24-05-2024	11:30:43.461	Disarmed	Heimdall Settings		Heimdall Settings		Changes	to user fri	ent user 2 were s	aved.
24-05-2024	11:30:39.861	Disarmed	Heimdall Settings		Heimdall Settings		Changes	to user fri	ent user 1 were s	aved.
24-05-2024	11:30:35.234	Disarmed	Heimdall Settings		Heimdall Settings		Changes	to user Ad	lmin were not sa	ved, (
24-05-2024	11:26:30.662	Disarmed	Heimdall Settings		Heimdall Settings		Changes	to user Ad	lmin were not sa	ved, (
24-05-2024	11:25:59.176	Disarmed	Heimdall Settings		Heimdall Settings		Changes	to user fri	ent user 3 were s	aved.
24-05-2024	11-25-54 572	Disarmed	Heimdall Settings	-	Heimdall Settings		Changes	to user fri	ent user ? were s	aved 🔻

6. Integration with Heimdall brings major flexibility when using Homey flows, allowing you to automate your system fully.

You can see automation examples later in this document.



Getting started

Installing Heimdall app

The first step is to install the latest release of the Heimdall app for Homey.

The integration with frient starts with the Heimdall version 2.10.14.

You can find the Heimdall app by going to the Homey App Store and searching for "Heimdall".

The next step is to install the app, by clicking on "Install App", logging in, and selecting your Homey device.



Installing the frient app

The next step is to install the latest release of the frient app for Homey. In <u>Homey App Store</u>, search for frient, and install the app on your Homey device.

The integration with Heimdall starts with the frient app version 2.4.0.



Intelligent Keypad with Heimdall on Homey - v1.0.0



Setting the Intelligent Keypad to work with Heimdall

Once both apps have been installed – pair the device with your Homey and go to the device's "Settings" and "Advanced Settings".

12:05 nii 5G 🗖 12:05 **...1|** 5G 🔲 < Back **Advanced Settings** Settings Note: Pin Code Intelligent Keypad Arming Home delay Arming Night delay Name Arming All delay lcon Trigger delay A Home > Zone Status Indicator ! > Note: Advanced Settings Integrate with Heimdall Maintenance frient Manufacturer ID KEPZB-110 > Product ID View app Receive When Idle Device Type

In there, toggle the "Integrate with Heimdall" to "Yes".

Please note that now the device will work only with Heimdall, therefore it won't be possible to use it in local mode.

To switch back to local mode – simply turn off the Heimdall integration switch.

Now, add a new device by clicking on the plus symbol, select Heimdall as a manufacturer, and add both – "Alarm" and "Mode" components.



When done, you will see the "Surveillance" object in your Homey dashboard. This is a control panel for your Heimdall system.

Changing the modes there will cause the mode to change on your Intelligent Keypad, and vice versa (with a valid PIN code and/or RFID tag).

Adding new user(s) and assigning PIN codes to them

In your Homey app, simply click on three dots in the bottom right corner, select "Apps", find the Heimdall app, and click on it.

Next, click on the gear icon in the top right corner, and go to "App Settings" – you should now see the Heimdall dashboard overview.

Select the tab called "Users" and click on the "+ Add user" button at the bottom.

Fill in the username and assign a PIN code for the user – when done click Save.

This PIN code will now allow the user you just added to change the modes on the device.

As an admin, you will be able to see in the dashboard overview when this user interacts with the device or the Heimdall system.

13:04		📲 5G	13:04			 50	G
Done	Heimdall		Done	He	imdall		
	፰ App Settings ●		Let Homey watc	h over your h	ome.		
			Dashboard	Devices	Users	Settings	20
Enabled			USERMANAGEM	ENT			
Update Auton	natically		Username		PIN		
App Performanc			frie	nt user 1		1	234
CPU Usage		0 B	Enabled		RFID ta	ag	
Memory Usag	je	74.1 MB	Administrato	r			
				\bigcirc			
	🗘 Restart App						
🗅 Cre	ate Diagnostics Re	port	Save	Cancel	Dele	te	
If the app develor report, press the	oper asked you to send button above.						
-						_	

Assigning RFID tags to each user

To assign an RFID tag for a specific user, you don't have to manually type in the number.

Instead, you can follow this guide:

1. From your Homey devices overview, select Intelligent Keypad, click on the gear icon in the top right corner, and select "Maintenance":



2. In here, simply click on "Add RFID tag" button:



3. Apply the desired RFID tag onto the surface in the middle of your device, and when you hear a beep click on the "Arm all" button, as shown below:



4. Now head back to your Heimdall app settings, go to "Users", select the user you wish the RFID tag to be assigned to, and you should see the following pop-up window – click "Ok":



5. The RFID tag has been successfully assigned to the selected user:



Setting up devices within alarm modes

With the Heimdall app and frient devices, you can easily select in which alarm modes the devices will trigger an alarm.

To do that, simply go to your Heimdall app settings, go to "Devices", and select "Settings".

Here you can customize each device and its role in your system:



"Log" – you can use it to collect readings from the sensor which later you can see in your Heimdall dashboard overview.

"Full" – stands for assigning the sensor to an "Armed" mode.

"Partial" – you use for assigning the sensor to trigger in a "Partially armed" mode.

"Delay" – adds additional delay which you can customize in Heimdall's main app settings before the sensor triggers the alarm.

Heimdall							
Let Homey watch ove	r your home.						
Dashboard	Devices	Users	Settings	21			
DELAYS							
Arming delay			3	SECONDS			
Alarm delay	SECONDS						
Use when enabli	ng Armed mode						
Use when enabling Partially Armed mode							
Allow Alarm while in Alarm Delay							
Tripping a sensor while an Alarm Delay is running will activate the Alarm State immediately.							



Automation examples

Changing modes remotely via flow

Chang	jing modes remotely v	via flow.
	When	
	Flow This Flow is started	
	And	
	Add Card	
	Then	
	Surveillance - Home Set Surveillance Mode to Armed	This will change both - the device's mode and the Heimdall mode.
	H Add Card	
	► Test ✓ Save	

Locking smart lock with Intelligent Keypad & Heimdall

Locking	smart lock with Intelligent Keypad & Heimdall
Wh	nen
	Surveillance - Home The state changed Armed
An	d
	Add Card
Th	en
	Nimly Touch Pro - Kitchen Lock
	Add Card
	► Test



Unlocking smart lock with Intelligent Keypad & Heimdall

Important note:

Even if the mode is already "Disarmed", disarming it again will result in the same action you choose (e.g. door unlock).

Unlocking smart lock with Int Keypad & Heimdall	telligent
When	
Heimdall () <i>(P)</i> Surveillance Mode changed.	
And	This flow will make your Homey perform the "Unlock" action even if the system is already
Surveillance - Home The state is Disarmed	disarmed.
🕀 Add Card	
Then	
Nimly Touch Pro - Kitchen Unlock	
Add Card	
► Test ✓ Save	