



An Axis company

There is necessary to set TapHome Core IP address as SIP server. To find IP address of the Core use TapHome app and click on your location to display this information. Then set following parameters:

The screenshot shows a configuration page for SIP 1. The left sidebar is purple and contains the following menu items: Phone, Streaming, Onvif, E-mail, Automation, HTTP API, User Sounds, Web Server, Audio Test, and SNMP. The main content area is divided into four sections:

- Intercom Identity:**
  - Display Name: 2N IP Verso
  - Phone Number (ID): 111 (highlighted with a red box and labeled '1')
  - Domain: 192.168.100.84 (highlighted with a red box and labeled '2')
  - Test Call button
- Authentication:**
  - Use Authentication ID:
  - Authentication ID:
  - Password:
- SIP Proxy:**
  - Proxy Address: 192.168.100.84 (highlighted with a red box and labeled '3')
  - Proxy Port: 5060
  - Backup Proxy Address:
  - Backup Proxy Port: 5060
- SIP Registrar:**
  - Registration Enabled:  (highlighted with a red box and labeled '4')
  - Registrar Address: 192.168.100.84 (highlighted with a red box and labeled '5')
  - Registrar Port: 5060
  - Backup Registrar Address:
  - Backup Registrar Port: 5060
  - Registration Expires: 120 [s]
  - Registration State: REGISTERED
  - Failure Reason: -

A 'Save' button is located at the bottom right of the page.

1. Set phone number (ID) to 111
2. Set Core IP address as Domain
3. Set Core IP address as Proxy Address
4. Enable registration
5. Set Core IP address as Registrar address

Save the values. After adding the device to TapHome the registration state change to REGISTERED.

Set call parameters:

The screenshot shows the 'Services' configuration page for SIP 1, with the 'Calls' tab selected. The 'Call Answering Mode (SIP1)' is highlighted with a red box and set to 'Automatic'. Other settings include 'Call Time Limit' at 120s, 'Call Answering Mode (SIP2)' at 'Always Busy', and 'Pick up in' at 0s. 'Ring Time Limit' is 32s and 'Dial Cycles Limit' is 3.

Section	Parameter	Value	Unit
General Settings	Call Time Limit	120	[s]
	Call Answering Mode (SIP1)	Automatic	
Incoming Calls	Call Answering Mode (SIP2)	Always Busy	
	Pick up in	0	[s]
	Ring Time Limit	32	[s]
Outgoing Calls	Dial Cycles Limit	3	

TapHome SIP server use audio codec G711 (PCMU) for audio session. Use following audio setting in the door bell device:

The screenshot shows the 'Services' configuration page for SIP 1, with the 'Audio' tab selected. The 'Audio Codecs' table is shown with PCMU highlighted as the highest priority enabled codec.

CODEC	ENABLED	PRIORITY
PCMU	<input checked="" type="checkbox"/>	1 (highest)
PCMA	<input checked="" type="checkbox"/>	3
L16 / 16 kHz	<input type="checkbox"/>	4
G.729	<input type="checkbox"/>	5 (lowest)
G.722	<input checked="" type="checkbox"/>	2

Enable HTTP API camera access:

Services

Account 1 Account 2 Account 3 Account 4 Account 5

HTTP API Services ▾

SERVICE	ENABLED	CONNECTION TYPE	AUTHENTICATION
System API	<input checked="" type="checkbox"/>	Secure (TLS) ▾	Digest ▾
Switch API	<input checked="" type="checkbox"/>	Unsecure (TCP) ▾	Digest ▾
I/O API	<input checked="" type="checkbox"/>	Unsecure (TCP) ▾	Digest ▾
Audio API	<input checked="" type="checkbox"/>	Secure (TLS) ▾	Digest ▾
Camera API	<input checked="" type="checkbox"/>	Unsecure (TCP) ▾	Basic ▾
Display API	<input checked="" type="checkbox"/>	Secure (TLS) ▾	Digest ▾
E-mail API	<input checked="" type="checkbox"/>	Secure (TLS) ▾	Digest ▾
Phone/Call API	<input checked="" type="checkbox"/>	Secure (TLS) ▾	Digest ▾
Logging API	<input checked="" type="checkbox"/>	Secure (TLS) ▾	Digest ▾

Create user for HTTP API access in Account1.

Services

Account 1 Account 2 Account 3 Account 4 Account 5

Account Enabled

User Settings ▾

User Name

Password

User Privileges ▾

DESCRIPTION	MONITORING	CONTROL
System Access	<input type="checkbox"/>	<input type="checkbox"/>
Phone/Call Access	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
I/O Access	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Switch Access		<input checked="" type="checkbox"/>
Audio Access		<input checked="" type="checkbox"/>
Camera Access	<input checked="" type="checkbox"/>	
Display Access		<input type="checkbox"/>
E-mail Service Access		<input type="checkbox"/>
UID (Cards & Wiegand) Access	<input type="checkbox"/>	
Keypad access	<input type="checkbox"/>	

The same user name and password has to be used in TapHome as access credentials.

Add at least one user:

Directory

Users Time Profiles Holidays

Search

<input type="checkbox"/>	Name	Accesses
<input type="checkbox"/>	Test	<input type="text"/>

15 ▾ 1 - 1 (Total 1) 1

And edit the user parameters:

Directory

Users

Time Profiles

Holidays

Back to List

User Basic Information

Name: Test

E-mail:

Virtual Number:

User Phone Numbers

Number 1

Phone Number: sip:111@192.168.100.84

Time Profile: [not used]

2N IP Eye Address:

Parallel call to following number:

Number 2

Phone Number:

Time Profile: [not used]

2N IP Eye Address:

Parallel call to following number:

Number 3

Phone Number:

Time Profile: [not used]

2N IP Eye Address:

Parallel call to following deputy:

Deputy

User Deputy:

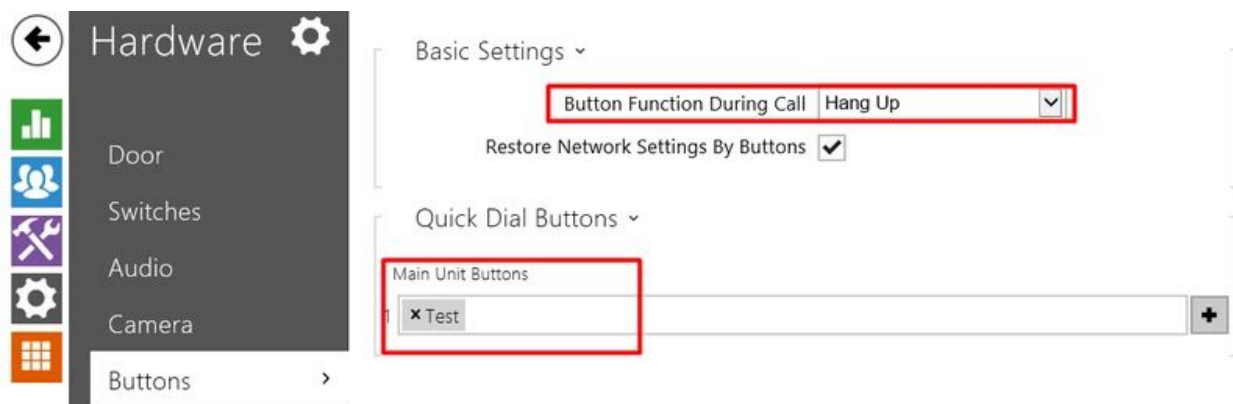
Set phone number to sip:nnn@CoreIpAddress where sip: is indicating that the call will be done through SIP, nnn is the SIP number, CoreIpAddress is the IP address set for SIP server.

Check that the door lock is set to switch1:

Check or set the Switch 1 parameters to corresponds to your requirements for door opening:

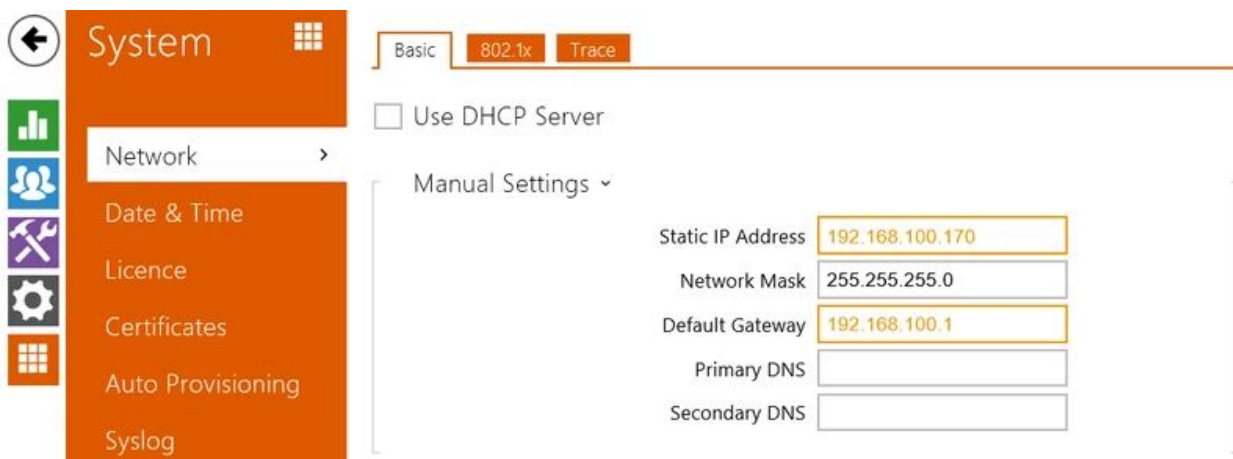
For TapHome full control over the door use Bistable switch mode.

Set quick dial button parameters:



Set button function during call to hang up. Set the predefined user to which door bell device will make SIP call when the ring button is pressed.

It is imperative that the IP address of the door bell is not changed. In case that your network router can be set to use permanent IP address for the device according to MAC address you can use this settings. In case that this can not be set it is better to set the static IP address for the door bell device. In following example the router address is 192.168.100.1 and the device IP address is set to 192.168.100.170.



For detailed information regarding used settings or any other setting please follow the producer Configuration Manual <https://wiki.2n.cz/hip/conf/latest/en>