



GetFace IP Configuration Guide with Indoor Units

Application Program Version Z41 COM: [1.4]

Application Program Version Z70 v2: [3.3]

GetFace IP Firmware Version: [2.32]

User manual version: d

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DOCUMENT UPDATE

Version	Modifications	Page(s)
d	<ul style="list-style-type: none"> Added configuration steps (Services → Phone → SIP X). Minor corrections. 	15,16
c	Changes in Z70 v2 application program: <ul style="list-style-type: none"> Change in IP address management. 	4, 9
	<ul style="list-style-type: none"> Added a step in de basic configuration of GetFace IP (Services → HTTP API → Account and Hardware → Switches). 	15
b	Changes in GetFace IP configuration: <ul style="list-style-type: none"> Change in the recommended configuration of the system API. 	15

1 INTRODUCTION

This document presents an example of basic configuration of the **GetFace IP** video intercom together with the **indoor unit Z41 COM / Z70 v2** in a simple installation of a private home when **both devices are in the same network**. A computer connected to the same network is also required to access to the GetFace IP web interface configuration. Figure 1 shows an example of installation and IP addresses of each device.

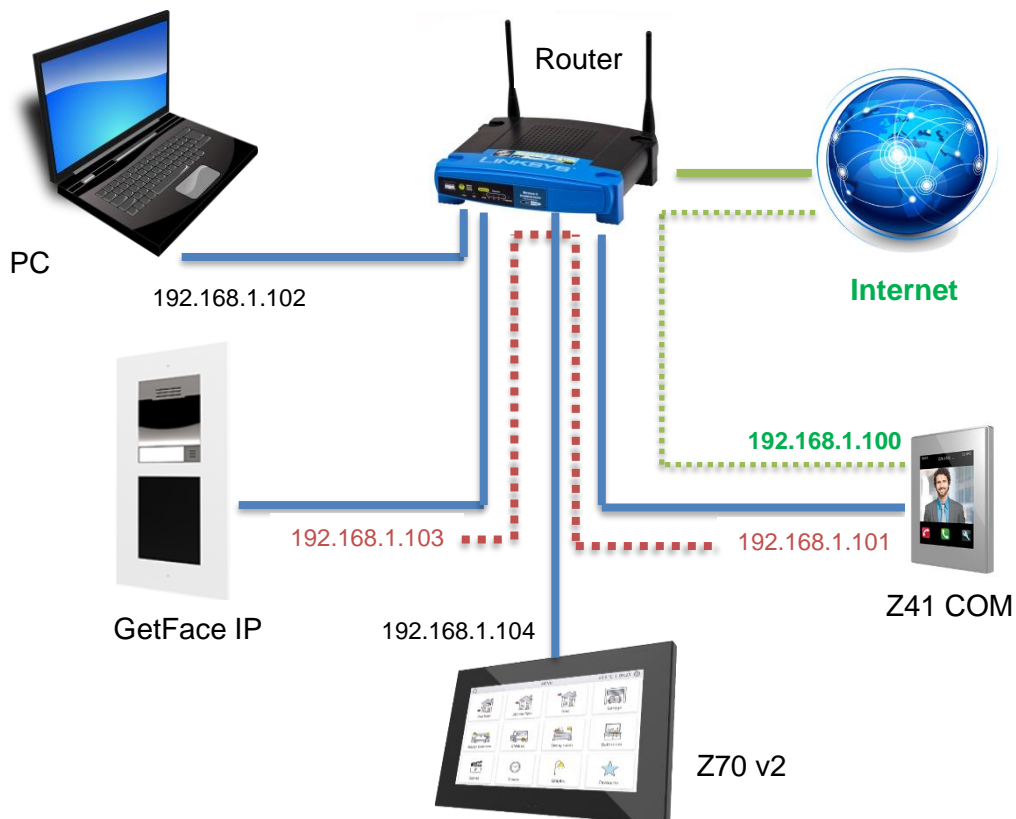


Figure 1 Example of basic topology

It should be noted that **Z41 COM** has two IP addresses:

- One generic IP. In the example: 192.168.1.100:
 - Remote control through Z41 Remote application.
 - Connection with the NTP server to update date and time.
 - Firmware updating through ZenPak Updater.
- Another one for the communication with the video intercom. In the example: 192.168.1.101.

In this case only the IP for the video intercom communication needs to be set, taking into account that it must not be the same as the generic IP.

Important: these IP addresses of Z41 COM are managed independently, so it is not required that both belong to the same IP network.

It is recommended to configure both devices in parallel (Z41 COM / Z70 v2 and GetFace IP) since it is important that certain parameters have the same values in both devices (this is indicated with warning notes throughout the document).

2 BASIC CONFIGURATION

This section shows the basic configuration required in an installation with a single indoor unit (Z41 COM / Z70 v2) and a single GetFace IP unit.

Note: For further information about the parameters please refer to the Z41 COM, Z70 v2 or GetFace IP user manuals available at the Zennio website (www.zennio.com).

2.1 Z41 COM CONFIGURATION

The following aspects must be configured in the ETS configuration:

1. In "MAIN CONFIGURATION", tab "VoIP Calls":
 - 1.1. IP Address: [192.168.1.101](#)¹ (the default value can be left).
 - 1.2. Subnet Mask: [255.255.255.0](#)
 - 1.3. Specify Gateway: [Disabled](#). (not necessary if the devices are in the same network).
 - 1.4. Video Intercom: [Enabled](#).

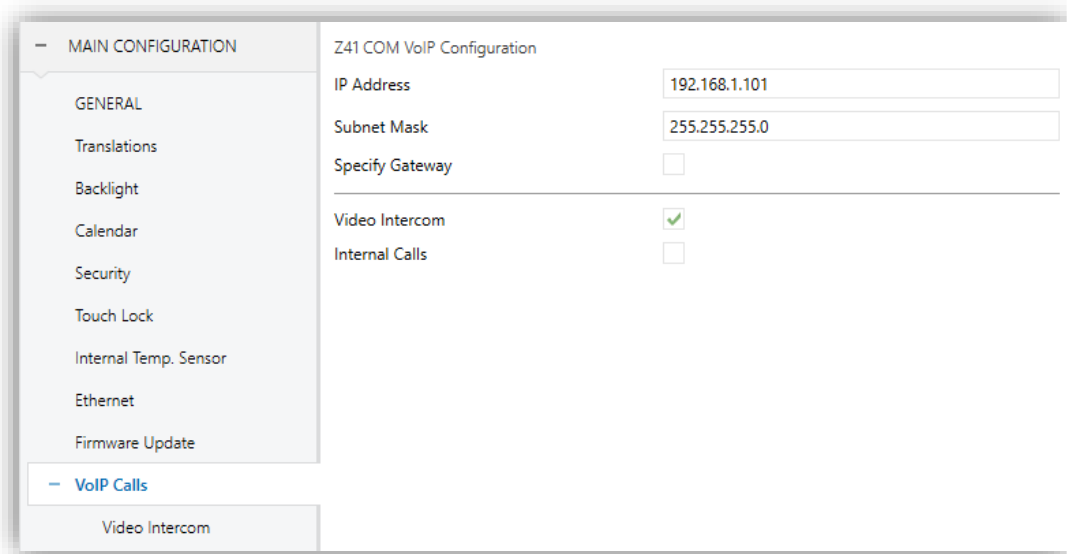


Figure 2 Z41 COM – VoIP Calls Configuration.

¹ The default values will be highlighted in [blue](#) in this document. In **red** those that should be modified.

IMPORTANT: If the IP for the remote control of Z41 COM is set statically in “**MAIN CONFIGURATION**”, tab “**Ethernet**” make sure not to set the same IP for the VoIP Calls.

2. In “Video Intercom”:

2.1. Outdoor Unit 1: **Enabled**.

3. In “Outdoor Unit 1”, in the tab “Configuration”:

3.1. Type: Private.

The private type allows accessing at any time to the visualization of images from the camera of the outdoor unit. The community type does not

3.2. The Outdoor Unit Is in a Different Network: Disabled.

In our example, the video intercom unit is located on the same network: 192.168.1.0/24.

3.3. Define ID: Disabled.

The ID only needs to be indicated when there are several external units and want to associate them with different video intercom boxes in Z41 COM. See section 3.2 for further information.

3.4. Number of Doors: 1.

In our example, the system will have a single access with a single door.

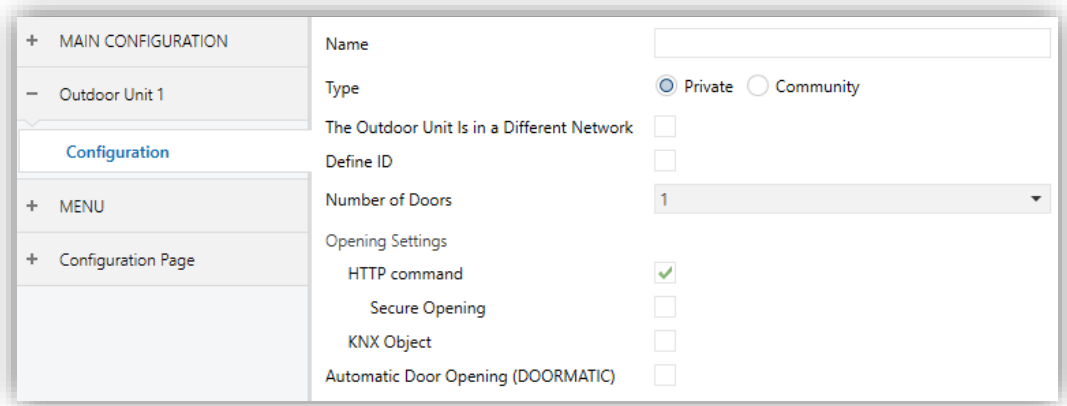
3.5. Opening Settings:

3.5.1. HTTP Command: Enabled.

3.5.2. Secure Opening: Disabled.

3.5.3. KNX Object: Disabled.

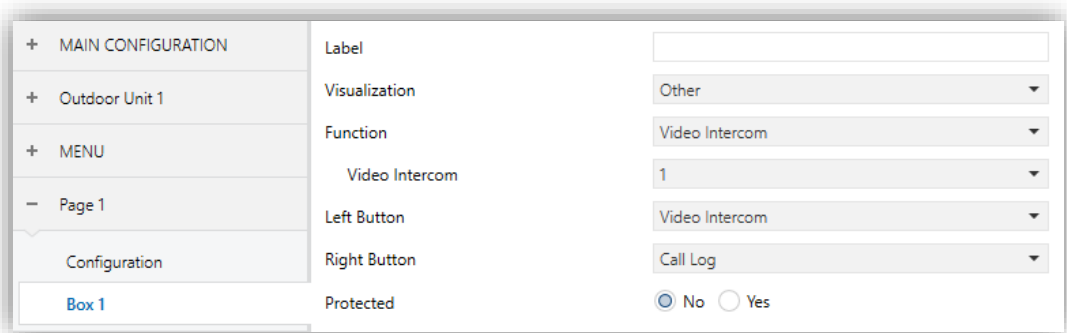
3.6. Automatic Door Opening: Disabled.



+ MAIN CONFIGURATION	Name	<input type="text"/>
- Outdoor Unit 1	Type	<input checked="" type="radio"/> Private <input type="radio"/> Community
Configuration	The Outdoor Unit Is in a Different Network	<input type="checkbox"/>
	Define ID	<input type="checkbox"/>
+ MENU	Number of Doors	1
+ Configuration Page	Opening Settings	
	HTTP command	<input checked="" type="checkbox"/>
	Secure Opening	<input type="checkbox"/>
	KNX Object	<input type="checkbox"/>
	Automatic Door Opening (DOORMATIC)	<input type="checkbox"/>

Figure 3 Z41 COM – Outdoor Unit Configuration.

- In “MENU” enable a page and within it box whit Visualization “Other” and function “Video Intercom”.



+ MAIN CONFIGURATION	Label	<input type="text"/>
+ Outdoor Unit 1	Visualization	Other
+ MENU	Function	Video Intercom
- Page 1	Video Intercom	1
Configuration	Left Button	Video Intercom
Box 1	Right Button	Call Log
	Protected	<input checked="" type="radio"/> No <input type="radio"/> Yes

Figure 4 Z41 COM - Video Intercom box configuration.

4.1. Video Intercom: [1](#).

IMPORTANT: the number of the video intercom must be the same as the one selected in 1.4.

2.2 Z70 v2 CONFIGURATION

The following aspects must be configured in the ETS configuration:

1. In “IP Configuration”:

1.1. VoIP: **Enabled.**

1.1.1. IP Address, Subnet Mask, Gateway, DNS: set the appropriate network settings.

1.2. Different Network: Disabled. (not necessary if the devices are in the same network).

General	Network Configuration
Configuration	Device Description
Locale	IP Address Assignment: Static
Backlight	IP Address: 192.168.1.104
Security	Subnet Mask: 255.255.255.0
Update Settings	Gateway: 192.168.1.1
IP Configuration	Primary DNS: 8.8.8.8
+ VoIP Calls	Secondary DNS: 8.8.4.4
+ Display	VoIP: <input checked="" type="checkbox"/>
	Different Network: <input type="checkbox"/>
	The use of this functionality requires a specific license

Figure 5 Z70 v2 – IP Configuration.

IMPORTANT: If the video intercom is on a different network and IP Address Assignment is set to Static, make sure not to set the same IP for Z70 v2 and for VoIP calls.

2. In “VoIP Calls”:

2.1. Video Intercom: **Enabled.**

3. In “Video Intercom”

3.1. Outdoor Unit 1 / Generic Outdoor Unit: **Enabled.**

4. In “Outdoor Unit 1” / “Generic Outdoor Unit”

4.1. Type: Private.

4.2. Unit with Camera: [Enabled](#).

The private with camera type enables access any time to the visualization of images from the camera of the outdoor unit, as long as it is not a generic outdoor unit.

4.3. Outdoor Unit ID: [ID_1](#). Not available in “Generic Outdoor Unit”

See section 3.2 for further information.

4.4. Set Static IP: [Disabled](#). Not available in “Generic Outdoor Unit”

The GetFace IP will only be needed when it is not in the same network as the Z70 v2. In our example, the video intercom unit is located on the same network: 192.168.1.0/24.

4.5. Opening Settings:

4.5.1. HTTP Command Secure Opening: [Disabled](#).

4.5.2. KNX Object: [Disabled](#).

4.5.3. Automatic Door Opening: [Disabled](#).

4.5.4. Enable KNX Objects to trigger Opening [Disabled](#).

4.6. Door n [Enabled](#).

4.6.1. HTTP Command Opening: [Enabled](#).

In our example, the system will have a single access with a single door.

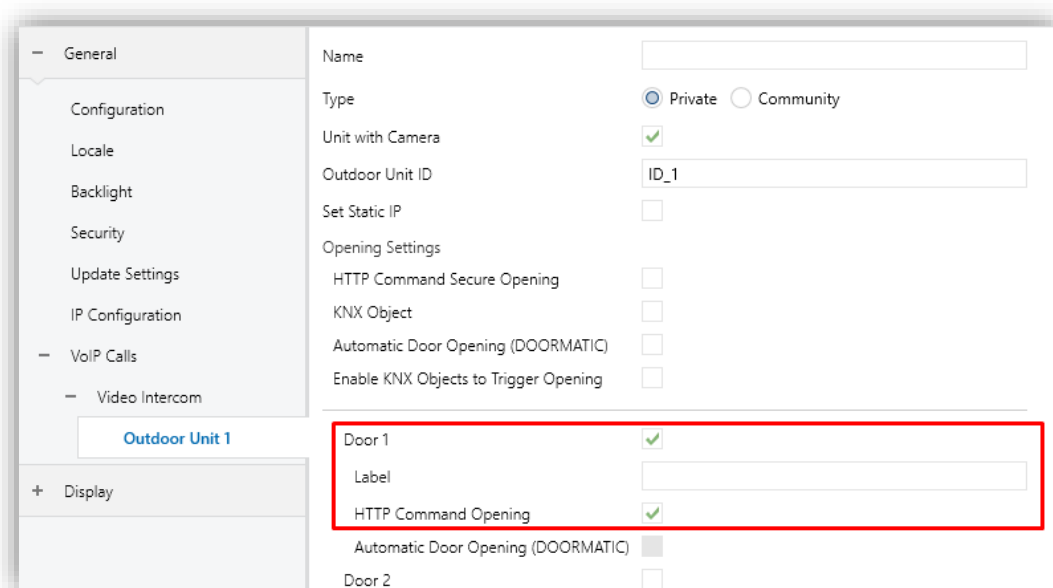


Figure 6 Z70 v2 – Outdoor Unit Configuration.

- In "Display" enable a page and within it box with Visualization "Other" and function "Video Intercom".

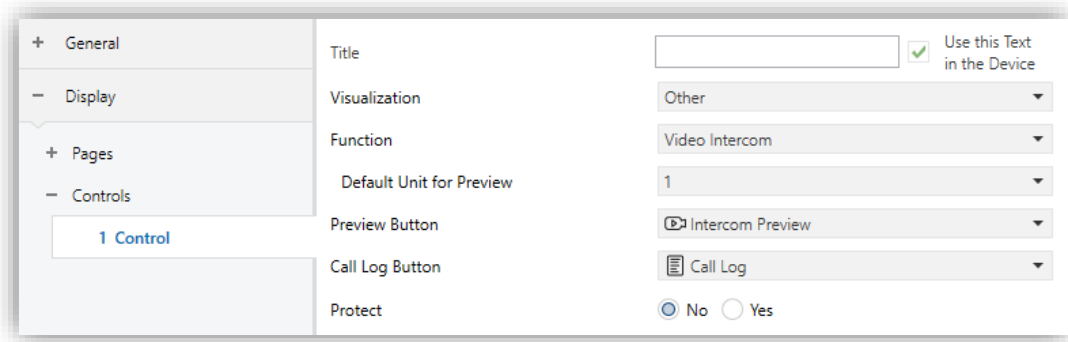


Figure 7 Z70 v2 - Video Intercom box configuration.

2.3 GETFACE IP CONFIGURATION

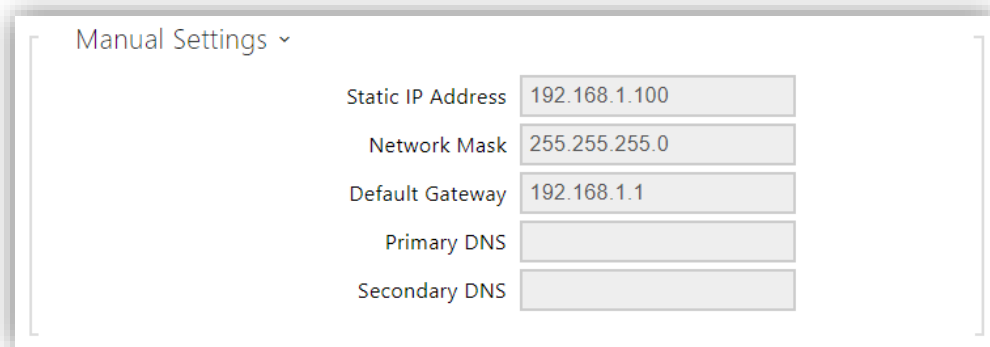
By default, **GetFace IP** acquires its IP address by DHCP, but it can be set a static IP address as well. To change between one mode and another follow the steps below:

1. Connect GetFace IP to the power supply and to the network.
2. After connecting the power supply or after performing a reset and once the video intercom is fully initialized (wait until lights up permanently), there are 30 seconds of operation to perform the following actions:



- 2.1. Press for 5 times the button of the basic unit: the device announces its IP.
- 2.2. Press for 15 times the button of the basic unit: the device will switch between a dynamic IP (DHCP) and a static IP configuration.

The default static IP configuration is shown in Figure 8.



Manual Settings ▾	
Static IP Address	192.168.1.100
Network Mask	255.255.255.0
Default Gateway	192.168.1.1
Primary DNS	
Secondary DNS	

Figure 8 GetFace IP - Static IP Configuration by default

It is recommended to set the IP assignment by DHCP (later is possible to change it to a static IP) to be able to access the web configuration interface.

To access to the configuration interface, enter the video intercom IP in a web browser. For example: <http://192.168.1.100>.

Authentication is required for access to the web interface. By default, it is set to:

- Username: admin
- Password: zennio

Changing the password is recommended after the first access to the device. The main window will look similar to Figure 9. The default language of the interface is English. It can be changed in the upper right.



Figure 9 GetFace IP - Configuration menu

First, if wanted to change the IP address to a static configuration (this step is not mandatory, the IP assigned by DHCP can be left):

1.  **System** → **Network**

1.1. **Use DHCP Server:** Disabled.

1.1.1. Set the network configuration desired.

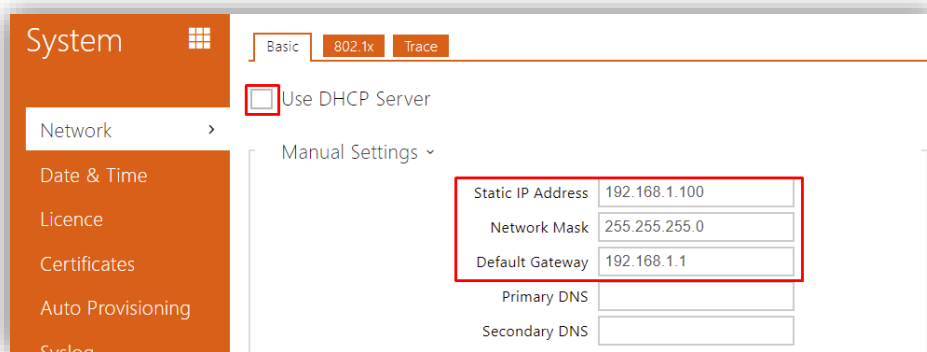



Figure 10 GetFace IP - Configuration menu

For a basic installation, only the following parameters must be configured:

2.  **Directory** → **Users**: add user.

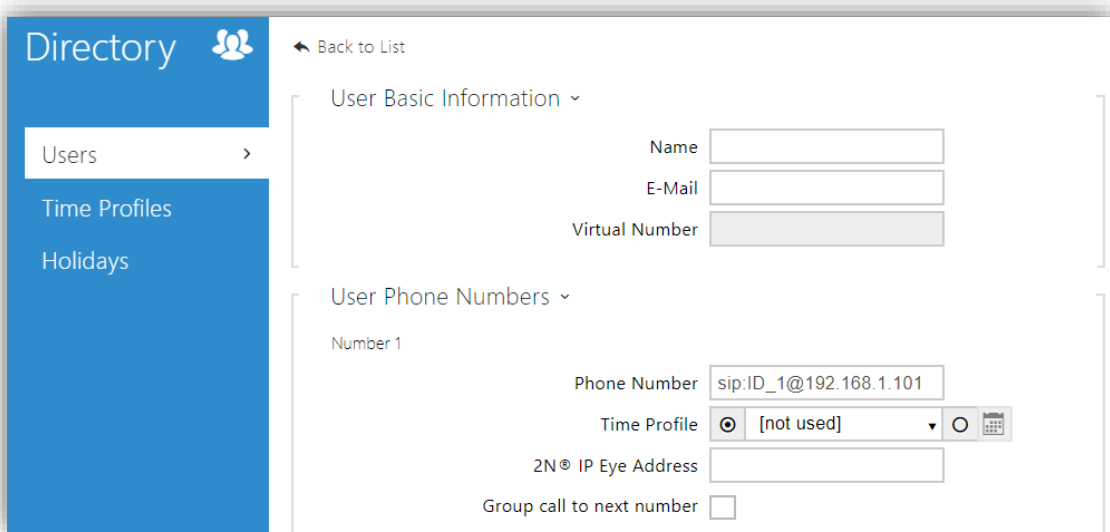


Figure 11 GetFace IP - Add user

2.1. **Phone number**: it will be used the Number 1 by default. The format should be *sip:id@[IPaddress]*. The “id” will only be used to identify calls in the event log in the state section. Example: **sip:1@192.168.1.101**.

IMPORTANT: The IP address must be the same configured by parameter in Z41 COM (item 1.1 in section 2.1) / Z70 v2 (item 1.1 in section 2.2).

3.  **Services** → **HTTP API** → **Services**

3.1. **System API**: [Secure \(TLS\)](#) / [Digest](#).

3.2. **Switch API**: [Secure \(TLS\)](#) / [Digest](#).

3.3. **Camera API**: **Unsecure (TCP)** / **None**.

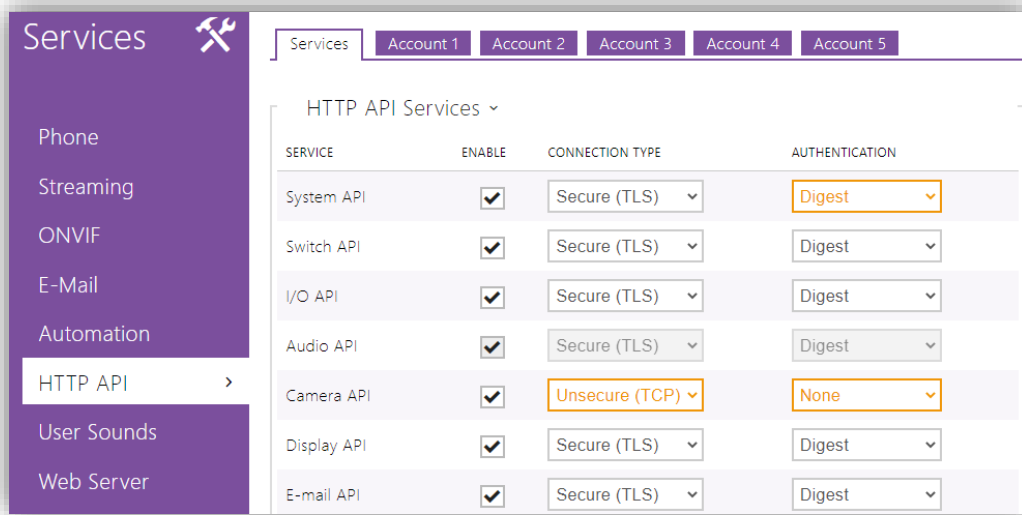


Figure 12 GetFace IP - API HTTP Configuration – Services

4. **Services** → **HTTP API** → **Account X**

4.1. **Account X: Account Enabled:** **Enabled.**

4.2. **Switch Access** → **CONTROL:** **Enabled.**

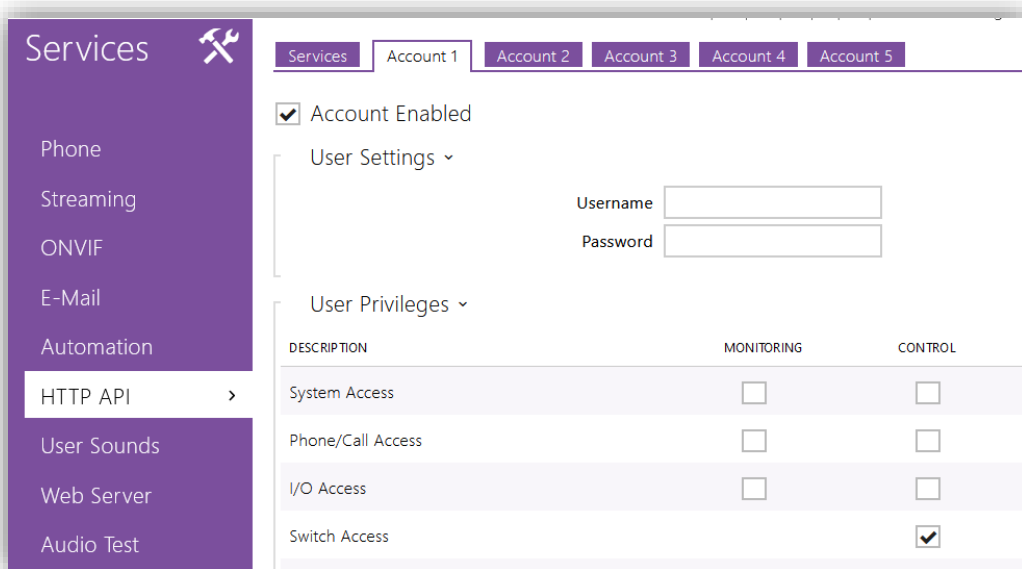


Figure 13 GetFace IP - API HTTP Configuration

5. **Services** → **Phone** → **SIP X:**

5.1. **Phone Number (ID):** it will be used the ID configured by parameter. Example:
ID_1.

IMPORTANT: The ID must be the same configured by parameter in Z41 COM (item 3.3 in section 2.1) / Z70 v2 (item 4.3 in section 2.2).

IMPORTANT: This step is not necessary if the “Define ID” parameter is not enabled in Z41 COM (item 3.3 in section 2.1). In Z70 v2 it is not necessary if a “Generic Outdoor Unit” is configured (item 3.1 in section 2.2).

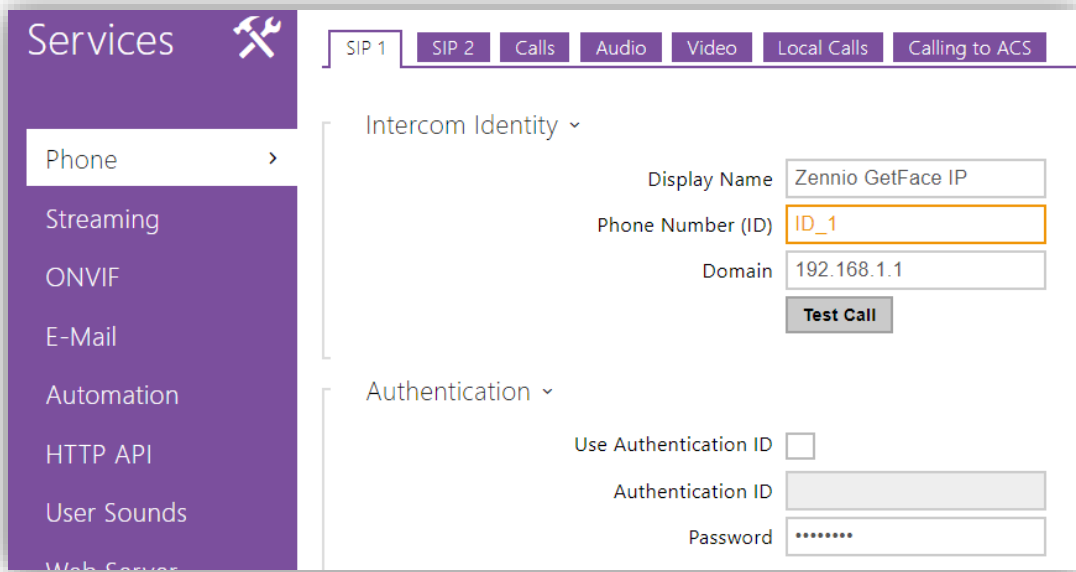


Figure 14 GetFace IP – Phone – SIP.

6.  **Hardware** → **Switches** → **Switch x**

6.1. **Switch Enabled:** **Enabled.**

6.1.1. **Controlled Output:** select Relay 1 or Output 1, depending on where the door lock is connected.

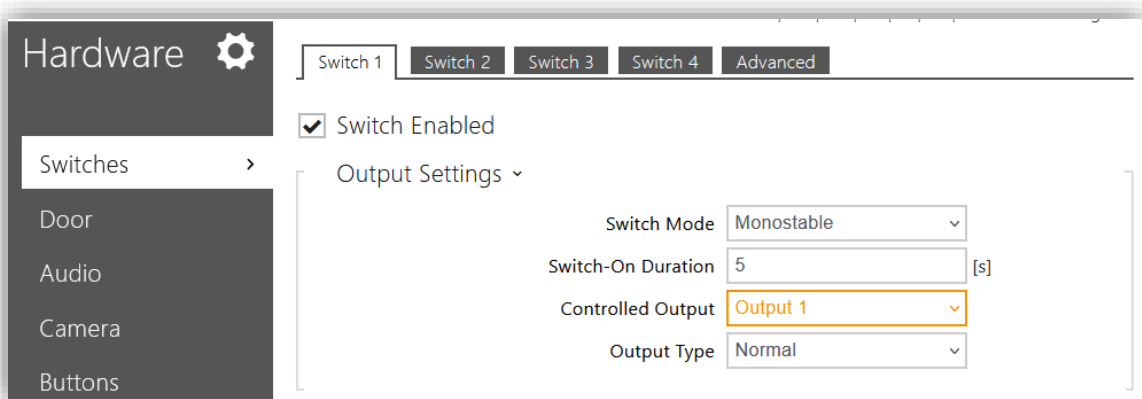


Figure 15. GetFace IP – Hardware – Switches.

7.  **Hardware** → **Buttons**:

7.1. **Main Unit Buttons**: associates the unit button with users.

7.1.1.  Add User:  **Enabled**.

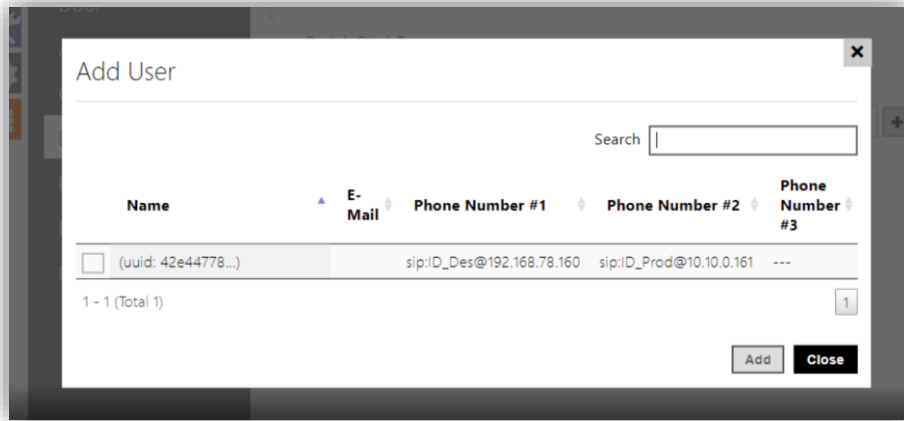


Figure 16. GetFace IP – Buttons. Add User

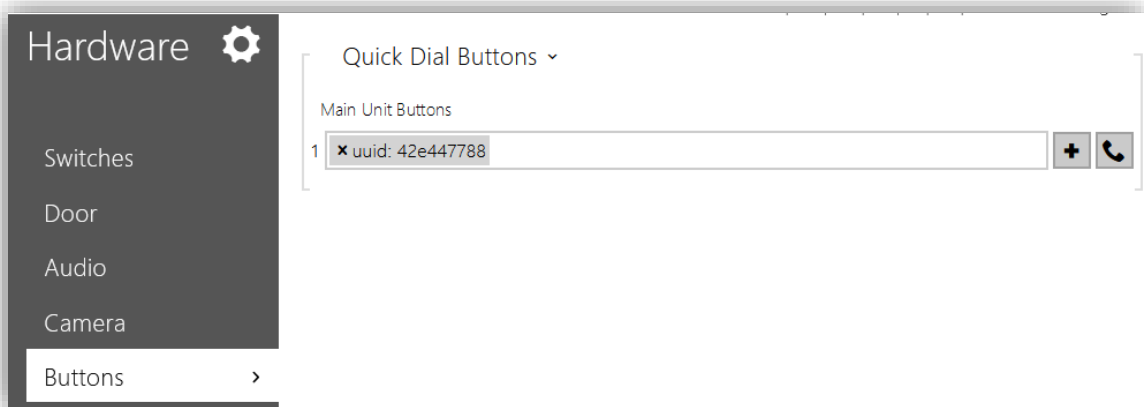


Figure 17. GetFace IP - Buttons

3 ADVANCED CONFIGURATION

This is the minimum necessary configuration in a basic installation with a single indoor unit and a single GetFace IP, however, there are more possibilities such installations whit several devices or control of the locks. In the next section, steps will be taken to configure these aspects.

3.1 SYSTEM WITH MULTIPLE INDOOR UNITS

It is usual to have in an installation with multiple indoor units. In order for all of them to receive calls form the same GetFace IP outdoor unit, certain settings will be necessary.

3.1.1 Z41 COM / Z70 v2 CONFIGURATION

The configuration of Z41 COM / Z70 v2 is **the same as indicated in sections 2.1 and 2.2** respectively, assigning a different IP address to each unit. However, enabling certain options and linking certain communication objects to the same group address will be necessary so that the call log data is consistent in all of Z41 COM / Z70 v2:

- **Synchronize with other Devices in the Same Network:** Enabled (Only in Z70 v2).

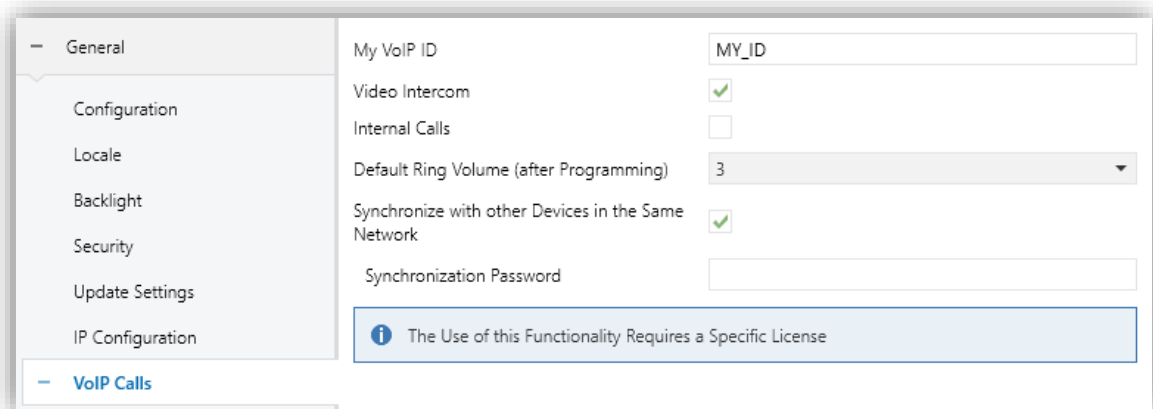


Figure 18. Z70 v2 - Synchronization

- **“[Video Intercom] Synchronization”** (Only in Z41 COM), enables a notification to be received in all Z41 COM when a call has been accepted or rejected in one of them.

Note: Synchronization will only occur between several Z41 COM or Z70 v2 in the same network, never between Z70 v2 and Z41 COM.

- “[General] Time”
- “[General] Date”

On the other hand, the following objects also must be linked to the same group address to open the door/s from any Z41 COM / Z70 v2:

- “[VI n] Switch X” (if enabled by parameter)
- “[VI n] Enable Automatic Door Opening” (if enabled by parameter)

Moreover, it is also recommended to link the following objects to the same group address when a joint control of the Z41 COM / Z70 v2 is required:

- “[VoIP] “Do Not Disturb” Mode”,
- “[VoIP] Ringtone Volume”

3.1.2 GETFACE IP CONFIGURATION

The configuration of GetFace IP is **the same as indicated in section 2.3** but adding the following in the Users section:


1.  **Directorio** → **Users:** add user.

Figure 19 GetFace IP - Add user

Number 1:

- 1.1. **Phone number:** the format should be *sip:id@[IPaddress]*. The “id” will only be used to identify calls in the event log in the state section. In *IP address*, the IP address of a Z41 COM / Z70 v2 must be indicated. Example: **sip:1@192.168.1.101.**

IMPORTANT: The IP address must be the same configured by parameter in Z41 COM (item 1.1 in section 2.1) / Z70 v2 (item 1.1 in section 2.2).

- 1.2. **Parallel call to following number:** check to add the IP address of the next Z41 COM / Z70 v2 to call in parallel.

Number 2:

- 1.3. **Phone number:** same format as indicated in 1.1, but in this case with the IP address of the following Z41 COM / Z70 v2 which must receive parallel calls. Example: **sip:1@192.168.1.104.**

IMPORTANT: The IP address must be the same configured by parameter in Z41 COM (item 1.1 in section 2.1) / Z70 v2 (item 1.1 in section 2.2).

- 1.4. **Parallel call to following number:** check to add the IP address of the next Z41 COM / Z70 v2 to call in parallel.

If more than three Z41 COM / Z70 v2 are required, they must be configured in another user, for example number 2. Moreover, in the user 1, in **Number 3**, the checkbox **Parallel call to following number** must be checked and in **User Deputy** enter the user configured, for example number 2.

3.2 SYSTEM WITH MULTIPLE GETFACE IP: PHONE NUMBER (ID)

This parameter is used to associate the video intercom configured in the indoor units to **a single GetFace IP**, so the calls are restricted. If the “Id” of the incoming call does not match to any of the video intercoms configured in Z41 COM / Z70 v2, the call will not be received. In addition, this is useful to identify the origin of the call when there is more than one external unit.

If multiple GetFace IP are configured with the same ID, calls from all of them will be received in the indoor units with a video intercom configured with that ID as shown in the figure below (in this case, if the video intercom is configured as private, the camera that will be previewed is the one on the video intercom that made the last call).

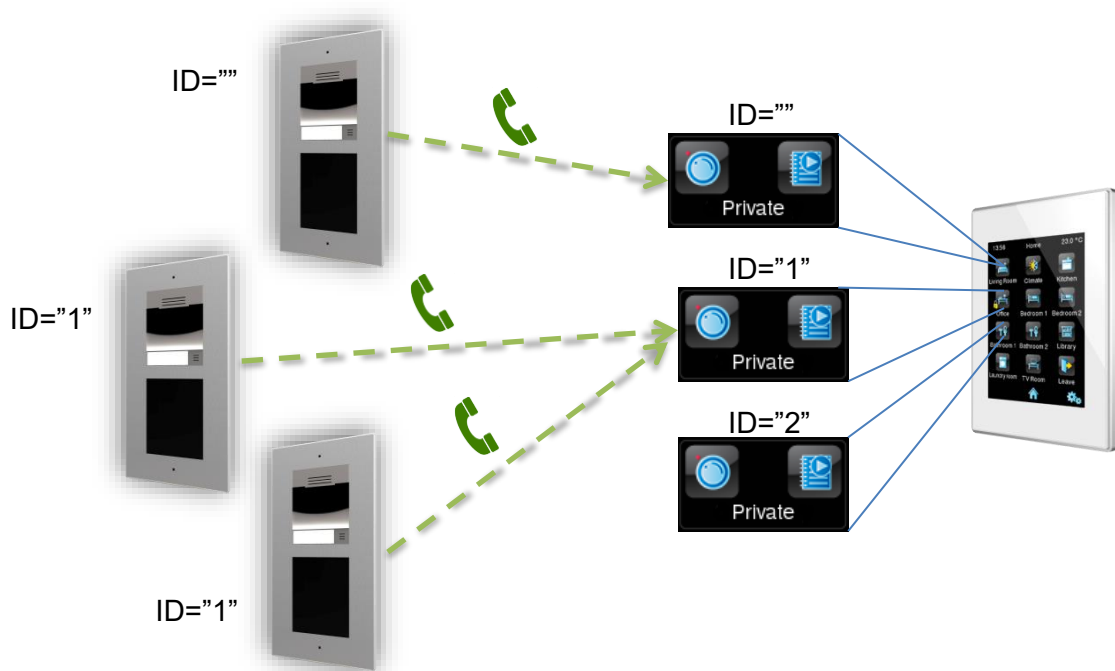


Figure 20 Configuration of multiple boxes with different video intercoms.

3.2.1 Z41 COM CONFIGURATION

The configuration of Z41 COM is **the same as indicated in section 2.1**, but also, it is necessary to configure:

1. In “Outdoor Unit 1”, in the tab “Configuration”:

1.1. Define ID: **Enabled**.

1.2. Outdoor Unit ID: enter the desired text, for example **ID_1**

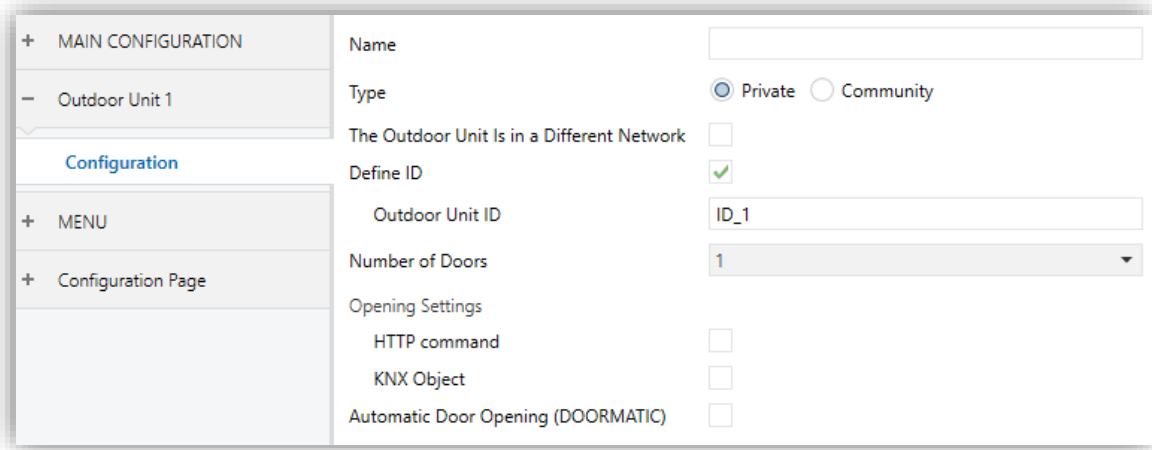



Figure 21 Z41 COM Configuration – Phone Number (ID)

3.2.2 Z70 v2 CONFIGURATION

The configuration of Z70 v2 is **the same as indicated in section 2.2.**

3.2.3 GETFACE IP CONFIGURATION

The configuration of GetFace IP is **the same as indicated in section 2.3**, but also, it is necessary to configure:

1.  **Services → Phone → SIP 1**

1.1. **Phone Number (ID):** enter the same ID as in Z41 COM / Z70 v2, for example **ID_1**.

IMPORTANT: the ID entered must be the same in Z41 COM (item 1.2, section 3.2.1) / Z70 v2 (item 4.3, section 2.2)

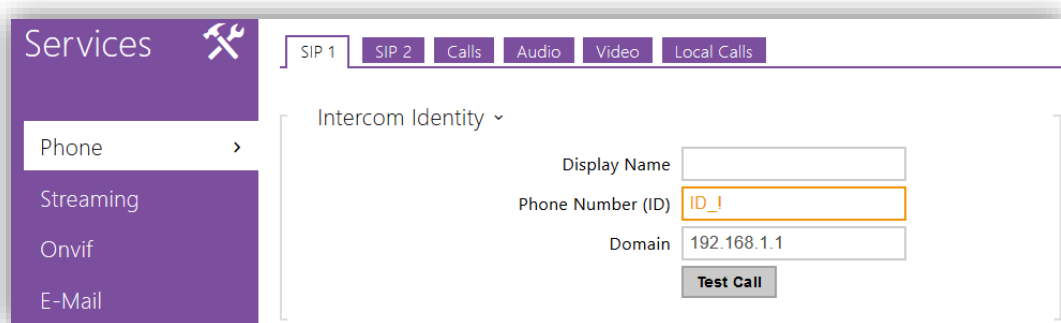


Figure 22 Zennio GetFace – Phone Number

3.3 DOORS

There are many configurations for opening doors, it can be done through a binary KNX, a HTTP command or both of them.

3.3.1 Z41 COM CONFIGURATION

The configuration of Z41 COM is **the same as indicated in section 2.1**, but also, it is necessary to configure:

1. In “Outdoor Unit 1”, in the tab “Configuration”:

1.1. **Number of Doors:** up to 3 doors per Video Intercom.

1.2. **HTTP Command:** the order to open a door will be sent via a HTTP command. This must be the option selected is lock control is performed from GetFace IP. When enabled, the following parameters appear:

1.2.1. **Secure Opening:** allows setting a **username** and **password** required to send through the HTTP command to open de door in order to increase the security.

1.3. **KNX Object:** the order to open a door will be sent via a binary communication object. It is possible to choose the **value of the object** that will open the door.

IMPORTANT: *For safety reasons, it is recommended not to use this communication object or to use it under the responsibility of the integrator.*

1.4. **Automatic Door Opening (DOORMATIC):** enables the door/s to be opened automatically when receiving a call.

+ MAIN CONFIGURATION	Name	<input type="text"/>
- Outdoor Unit 1	Type	<input checked="" type="radio"/> Private <input type="radio"/> Community
Configuration	The Outdoor Unit Is in a Different Network	<input type="checkbox"/>
+ Outdoor Unit 2	Define ID	<input type="text"/>
+ MENU	Number of Doors	3
+ Page 1	Opening Settings	
+ Configuration Page	HTTP command	<input checked="" type="checkbox"/>
	Secure Opening	<input checked="" type="checkbox"/>
	Username	<input type="text" value="user"/>
	Password	<input type="text" value="password"/>
	KNX Object	<input checked="" type="checkbox"/>
	Object Value	<input checked="" type="radio"/> 1 = Open <input type="radio"/> 0 = Open
	Automatic Door Opening (DOORMATIC)	<input type="checkbox"/>

Figure 23 Z41 COM - Doors Configuration

3.3.2 Z70 V2 CONFIGURATION

The configuration of Z70 v2 is **the same as indicated in section 2.2**, but also, it is necessary to configure:

1. In “Outdoor Unit 1” / “Generic Outdoor Unit”, in the tab “Configuration”:
 - 1.1. **HTTP Command Secure Opening:** the order to open a door will be sent via a HTTP command. This must be the option selected is lock control is performed from GetFace IP. When enabled, the following parameters appear:
 - 1.2. **KNX Object:** the order to open a door will be sent via a binary communication object. It is possible to choose the **value of the object** that will open the door.
 - 1.3. **Automatic Door Opening (DOORMATIC):** enables the door/s to be opened automatically when receiving a call.
 - 1.4. **Enable KNX Objects to Trigger Opening:** executes the opening command through a binary object.

IMPORTANT: For safety reasons, it is recommended not to use this communication object or to use it under the responsibility of the integrator.

- 1.5. **Number of Doors:** up to 4 doors per Video Intercom.

1.5.1. **Secure Opening:** allows setting a **username** and **password** required to send through the HTTP command to open the door in order to increase the security.

The opening will be secure if it has been selected generically for all doors.

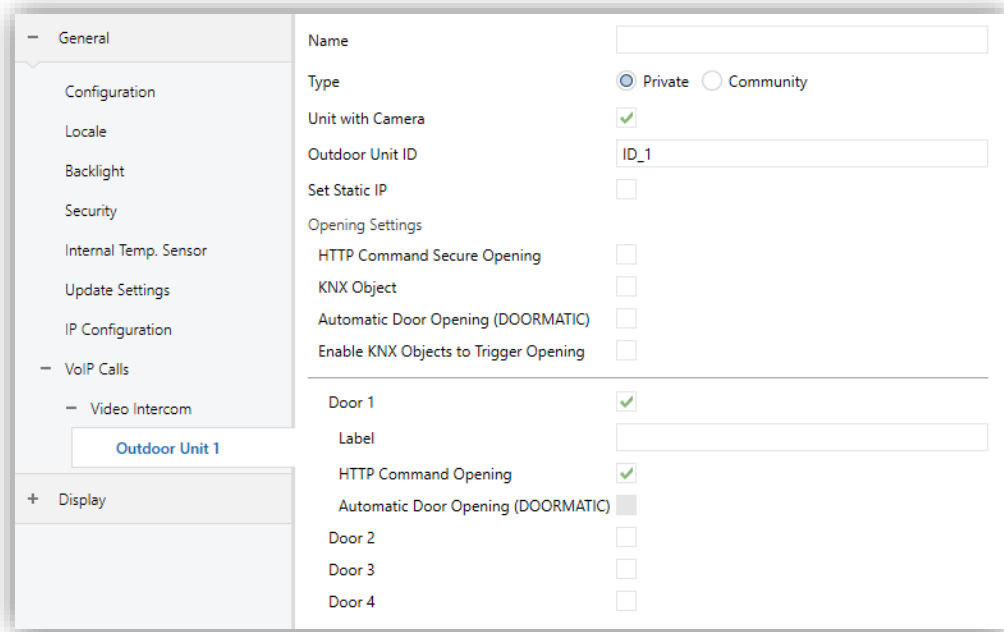


Figure 24 Z70 v2 - Doors Configuration

3.3.3 GETFACE IP CONFIGURATION

The configuration of GetFace IP is **the same as indicated in section 2.3**, but also, it is necessary to configure:

1.  **Services → HTTP API → Account x**

1.1. **Account Enabled:** **Enabled.**

1.1.1. **User Name:** the same as the user name configured in Z41 COM / Z70 v2.

1.1.2. **Password:** the same as the password configured in Z41 COM / Z70 v2.

IMPORTANT: it must be the same User Name and Password as the ones entered in Z41 COM (1.2.1 in the section 3.3.1) / Z70 v2 (1.1 in the section 3.3.2).

1.2. **Switch Access – Control:** **Enabled.**

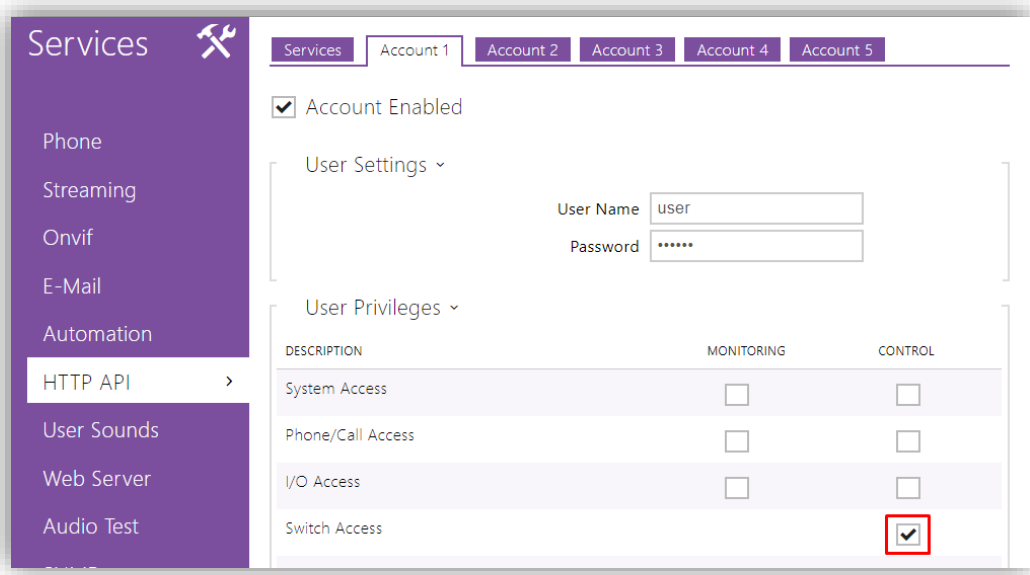


Figure 25 GetFace IP – Account Configuration.

Join and send us your inquiries
about Zennio devices:

<https://support.zennio.com>

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