



# **Z41 COM / Z70 + GetFace IP Configuration Guide**

Application Program Version Z41 COM: [1.3]  
Application Program Version Z70 v2: [2.0], [3.0]  
GetFace IP Firmware Version: [2.26]  
User manual version: a

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# 1 INTRODUCTION

This document presents an example of basic configuration of the **GetFace IP** video intercom together with the indoor unit **Z41 COM / Z70** 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.

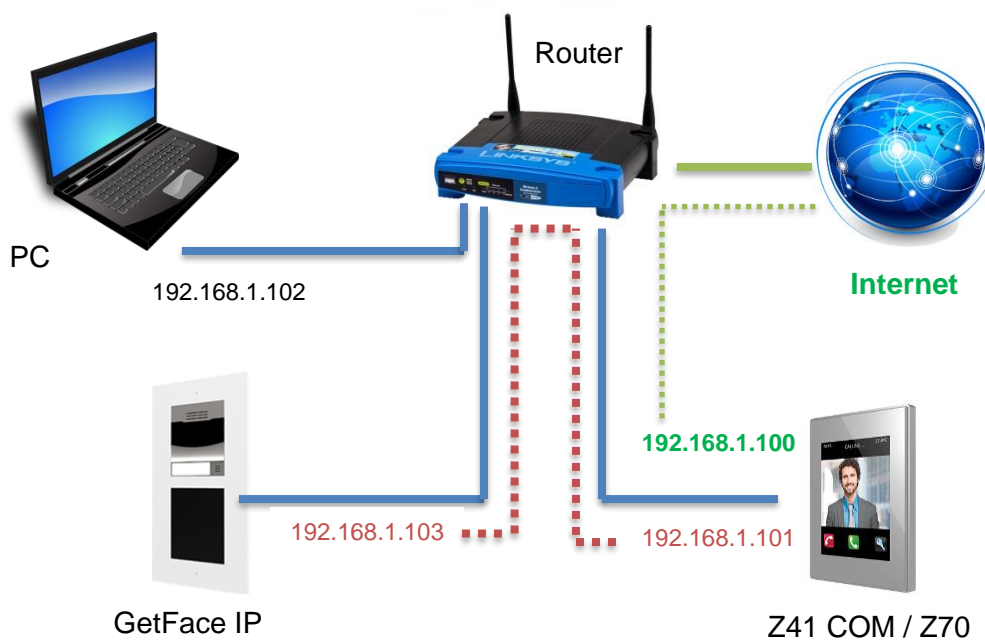


Figure 1 Topology

It should be noted that **Z41 COM / Z70** has two IP addresses:

- One generic IP for. In the example: 192.168.1.100:
  - Remote control through Z41 Remote / Zennio Remote application (Z41 COM / Z70).
  - Connection with the NTP server to update date and time (Z41 COM / Z70).
  - Firmware updating through Z41 Update (Only in Z41 COM).
  - Import contact list for internal calls via *webserver* (Only in Z70).
  - Licenses updating through *webserver* (Only in Z70).

- 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 / Z70 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 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 Z41 COM / Z70 unit and a single GetFace IP unit.

**Note:** For further information about the parameters please refer to the Z41 COM, Z70 or GetFace IP user manuals available at the Zennio website ([www.zennio.com](http://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](#)<sup>1</sup> (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](#).

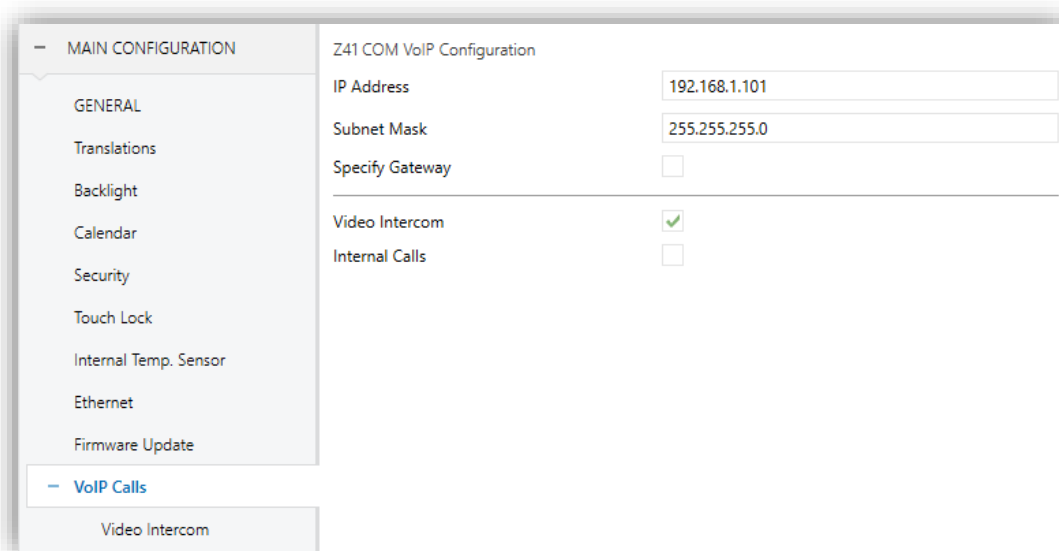


Figure 2 Z41 COM – VoIP Calls Configuration.

<sup>1</sup> 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.

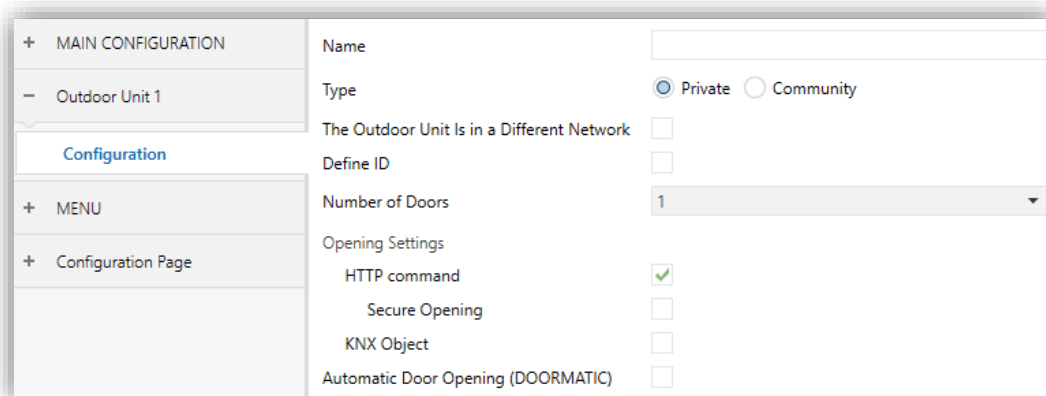


Figure 3 Z41 COM – Outdoor Unit Configuration.

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

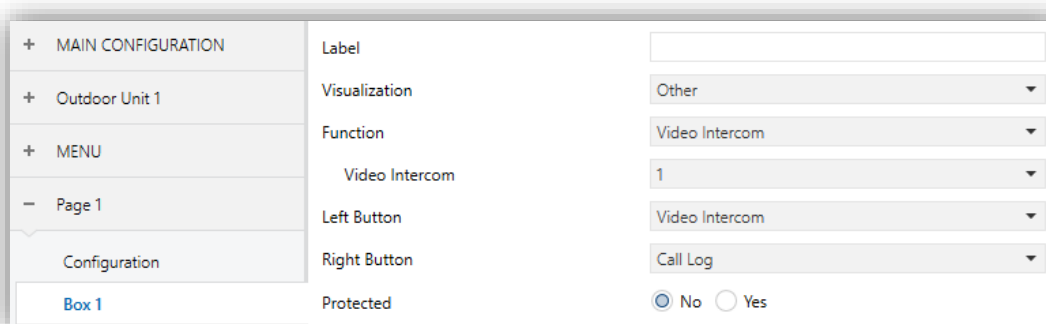


Figure 4 Z41 COM - Video Intercom box configuration.

#### 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 CONFIGURATION

The following aspects must be configured in the ETS configuration:

1. In “IP Configuration”, tab “General”:
  - 1.1. IP Address: [192.168.1.101](#) (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](#).

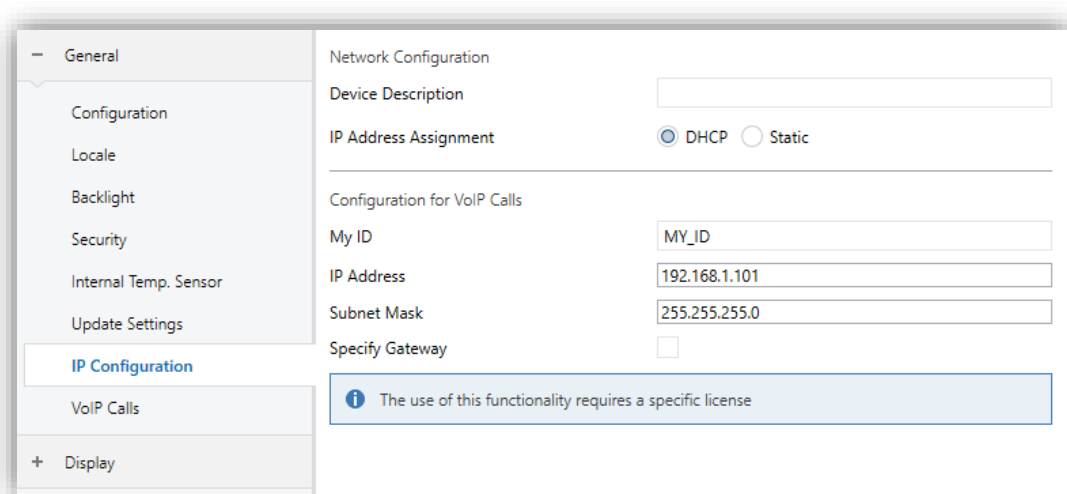


Figure 5 Z70 – IP Configuration.

**IMPORTANT:** If the generic IP is set statically, make sure not to set the same IP for the VoIP Calls.

2. In “VoIP Calls”, in the tab “General”:
  - 2.1. Video Intercom: ☒ **Enabled**.
3. In “Video Intercom”, in the tab “VoIP Calls”
  - 3.1. Outdoor Unit 1 / Generic Outdoor Unit: ☒ **Enabled**.
4. In “Outdoor Unit 1” / “Generic Outdoor Unit”, in the tab “Video Intercom”

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. 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 JNX Objects to trigger Opening ☐ Disabled.

4.6. Door n ☒ **Enabled**.

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

Figure 6 Z70 – Outdoor Unit Configuration.

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

The screenshot shows a configuration window for a Z70 device. On the left is a sidebar with a tree view containing 'General', 'Display', 'Pages', and 'Controls'. The 'Display' tab is selected. The main area is divided into two columns. The left column lists configuration items: 'Title', 'Visualization', 'Function', 'Default Unit for Preview', 'Preview Button', 'Call Log Button', and 'Protect'. The right column shows the corresponding values: an empty text box with a 'Use this Text in the Device' checkbox, 'Other' (selected in a dropdown), 'Video Intercom' (selected in a dropdown), '1' (selected in a dropdown), 'Intercom Preview' (selected in a dropdown with a play icon), 'Call Log' (selected in a dropdown with a document icon), and 'No' (selected in a radio button group).

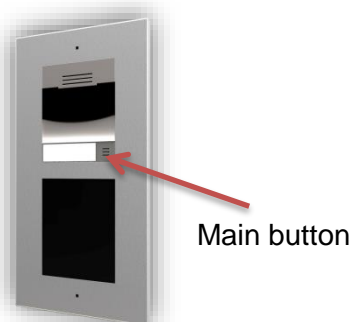
+	General	Title	<input type="text"/>	<input checked="" type="checkbox"/> Use this Text in the Device
-	Display	Visualization	Other	
+	Pages	Function	Video Intercom	
-	Controls	Default Unit for Preview	1	
1 Control		Preview Button	Intercom Preview	
		Call Log Button	Call Log	
		Protect	<input checked="" type="radio"/> No <input type="radio"/> Yes	

**Figure 7** Z70 - 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:

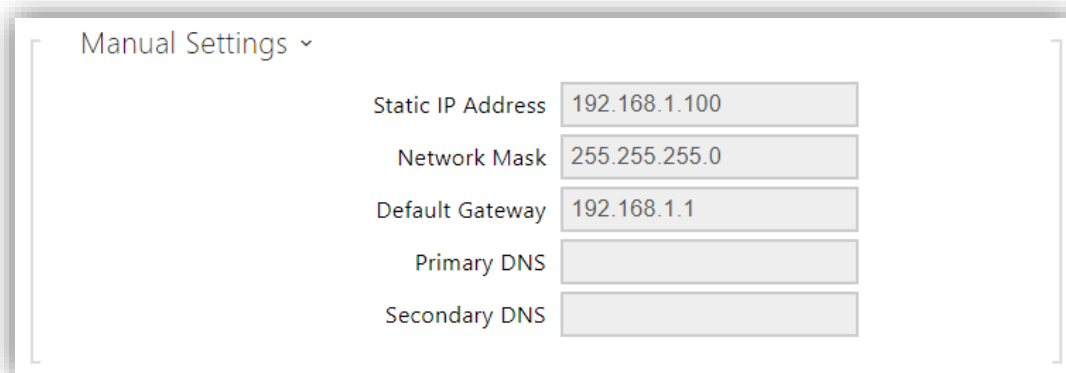
1. Connect GetFace IP to the power supply and to the network.
2. After connecting the power supply or after performing a reset and once the video intercom is fully initialized (wait until lights up permanently), there are 30 seconds of operation to perform the following actions:



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.

A screenshot of a web configuration interface titled 'Manual Settings'. It contains five rows of configuration fields: 'Static IP Address' with the value '192.168.1.100', 'Network Mask' with '255.255.255.0', 'Default Gateway' with '192.168.1.1', 'Primary DNS' (empty), and 'Secondary DNS' (empty). Each field is represented by a text input box.

**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 interdom 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.

System

Basic 802.1x Trace


☐ Use DHCP Server

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 10 GetFace IP - Configuration menu

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

2.  **Directorio** → **Usuarios**: add user.

Directory

Back to List

User Basic Information

Name

E-Mail

Virtual Number

User Phone Numbers

Number 1

Phone Number sip:ID\_1@192.168.1.101

Time Profile [not used]

2N® IP Eye Address

Group call to next number

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 (item 1.1 in section 2.2).

### 3. Services → HTTP API → Services

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

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

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

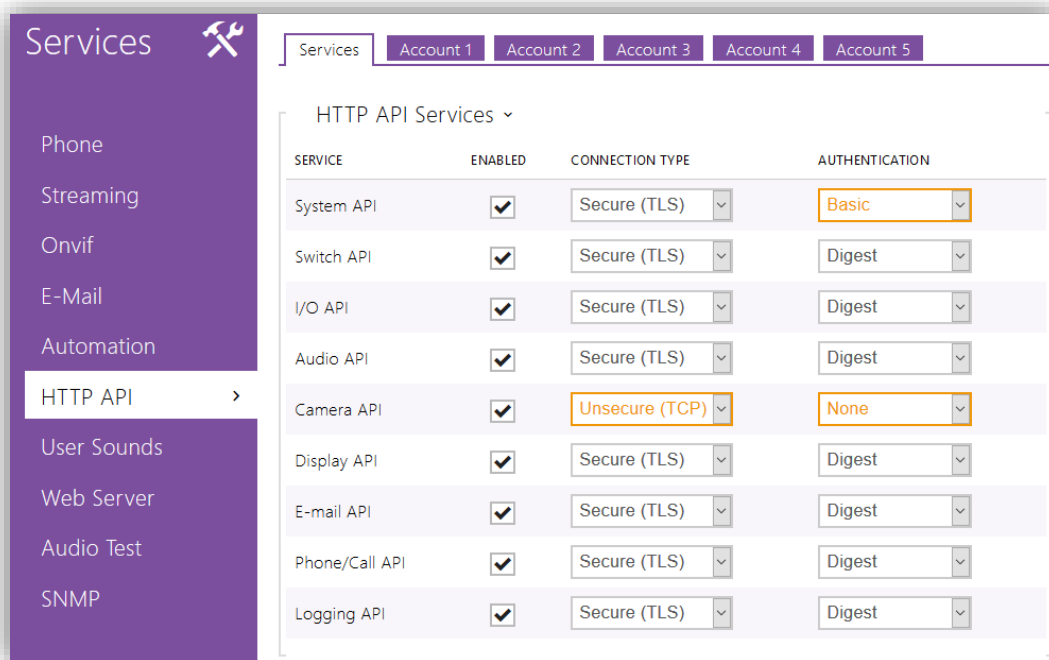


Figure 12 GetFace IP - API HTTP Configuration

### 4. Hardware → Buttons:

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

4.1.1.  Add User:  **Enabled**.

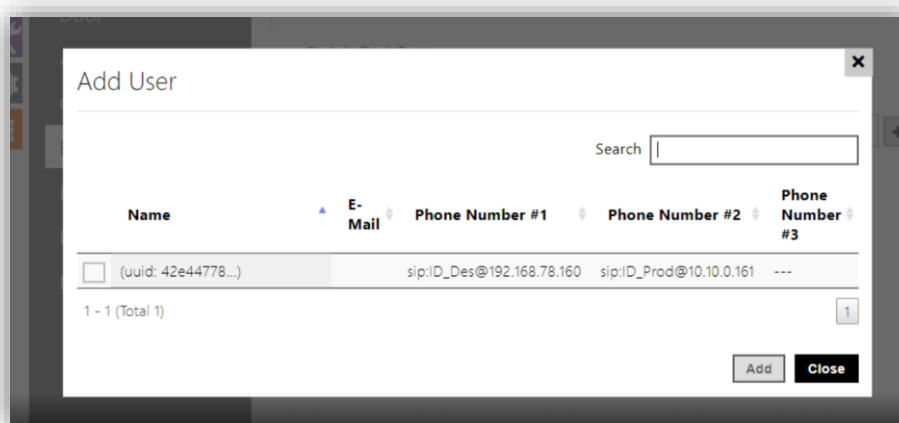
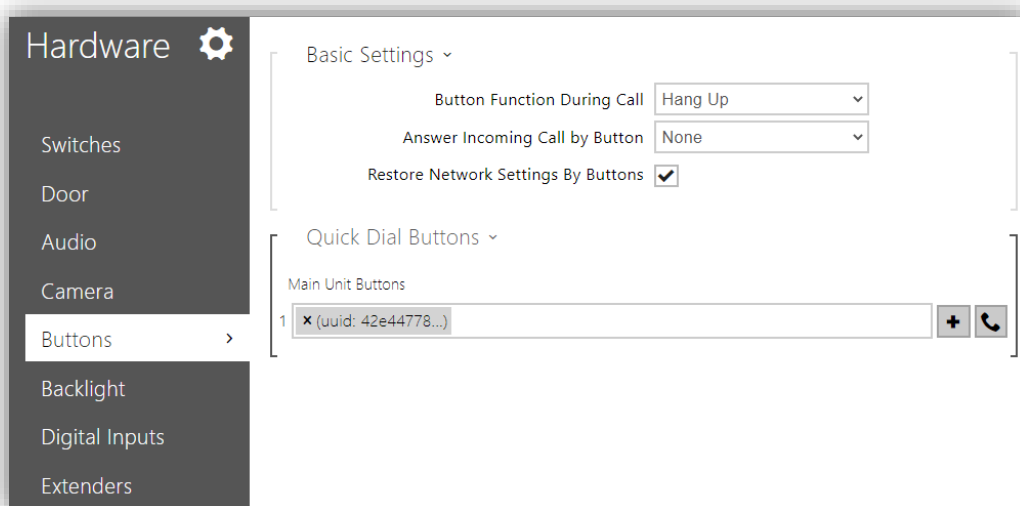


Figure 13. GetFace IP – Buttons. Add User



**Figure 14.** GetFace IP - Buttons

## 3 ADVANCED CONFIGURATION

This is the minimum necessary configuration in a basic installation with a single Z41 COM / Z70 and a single GetFace IP, however, there are more possibilities such as installations with several devices or control of the locks. In the next section, steps will be taken to configure these aspects.

### 3.1 SYSTEM WITH MULTIPLE Z41 COM / Z70

It is usual to have in an installation multiple Z41 COM / Z70. In order for all of them to receive calls from the same GetFace IP outdoor unit, certain settings will be necessary.

#### 3.1.1 Z41 COM / Z70 CONFIGURATION

The configuration of Z41 COM / Z70 is **the same as indicated in sections 2.1 and 2.2** respectively. 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:

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

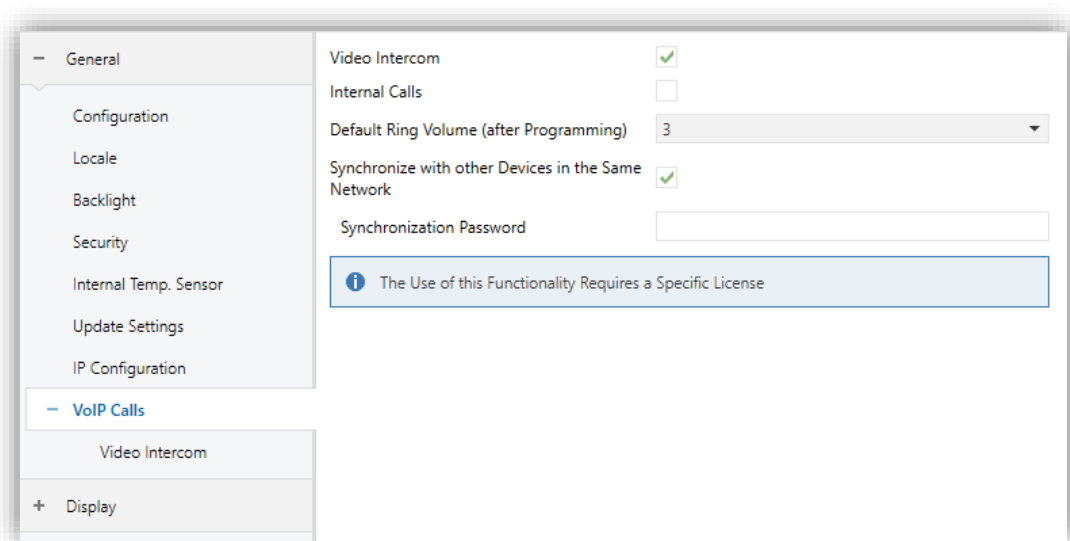


Figure 15. Z70 - Synchronization

- “[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 in the same network, never between Z70 and Z41 COM.

- “[General] Time”
- “[General] Date”

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

- “[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 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 16 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 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 (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 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 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 (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 to call in parallel.

If more than three Z41 COM / Z70 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 Z41 COM / Z70 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, 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 Z41 COM / Z70 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).

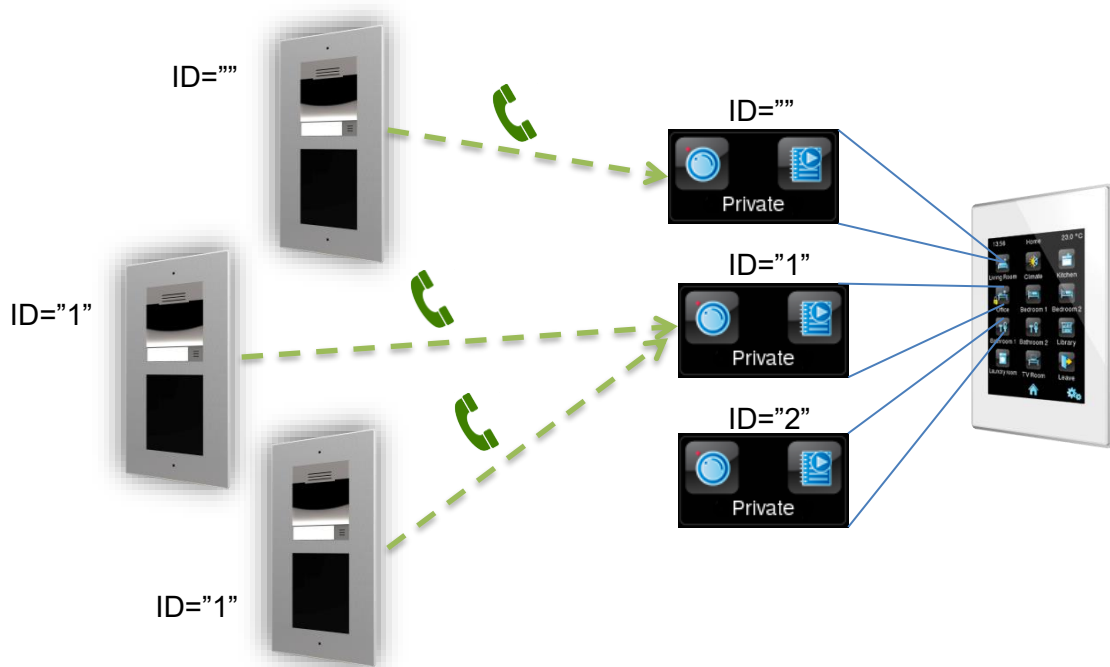


Figure 17 Configuration of multiple boxes with different video intercoms.

### 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**

The screenshot shows the 'MAIN CONFIGURATION' sidebar on the left with 'Outdoor Unit 1' selected. The main configuration area on the right includes fields for 'Name', 'Type' (set to 'Private'), 'The Outdoor Unit Is in a Different Network' (checkbox), 'Define ID' (checkbox with a green checkmark), 'Outdoor Unit ID' (text field containing 'ID\_1'), 'Number of Doors' (dropdown set to '1'), and 'Opening Settings' (checkboxes for 'HTTP command', 'KNX Object', and 'Automatic Door Opening (DOORMATIC)').

Figure 18 Z41 COM Configuration – Phone Number (ID)

### 3.2.2 Z70 CONFIGURATION

The configuration of Z70 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, for example **ID\_1**.

**IMPORTANT:** the ID entered must be the same in Z41 COM (item 1.2, section 3.2.1) / Z70 (item 1.1, section 3.2.2)

The screenshot shows the 'Services' sidebar on the left with 'Phone' selected. The main configuration area on the right includes tabs for 'SIP 1', 'SIP 2', 'Calls', 'Audio', 'Video', and 'Local Calls'. The 'Intercom Identity' section contains fields for 'Display Name', 'Phone Number (ID)' (text field containing 'ID\_1'), and 'Domain' (text field containing '192.168.1.1'). A 'Test Call' button is located at the bottom right.

Figure 19 Zennio GetFace – Phone Number

## 3.3 DOORS

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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

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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.

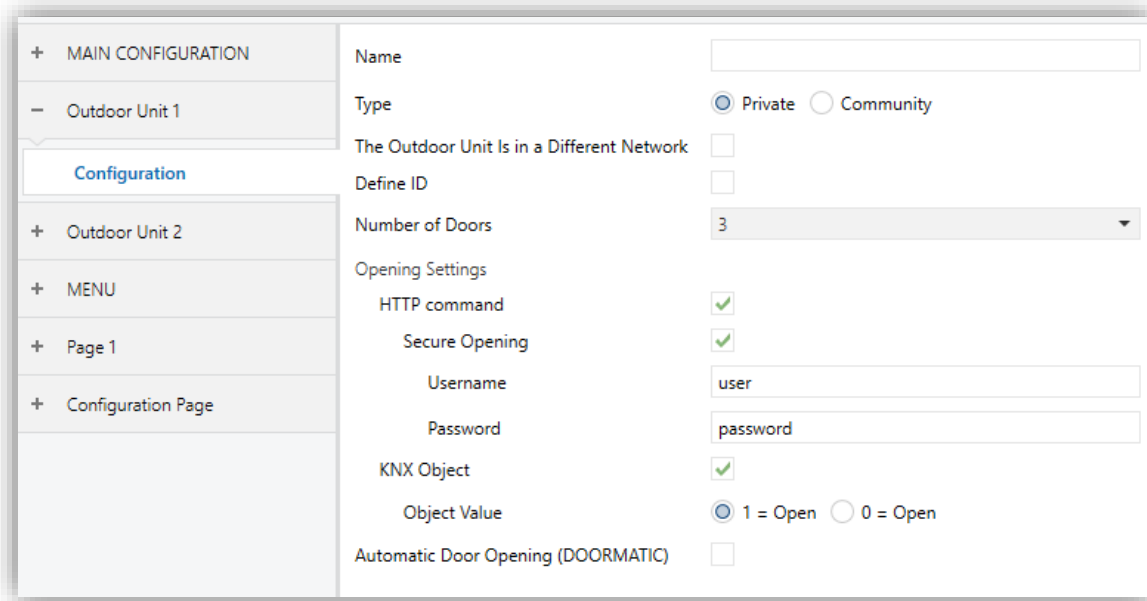
1.2. **HTTP Command:** the order to open a door will be sent via a HTTP command. This must be the option selected is lock control is performed from GetFace IP. When enabled, the following parameters appear:

1.2.1. **Secure Opening:** allows setting a **username** and **password** required to send through the HTTP command to open the 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"/>
		Define ID	<input type="text"/>
+	Outdoor Unit 2	Number of Doors	3
+	MENU	Opening Settings	
+	Page 1	HTTP command	<input checked="" type="checkbox"/>
+	Configuration Page	Secure Opening	<input checked="" type="checkbox"/>
		Username	user
		Password	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 20 Z41 COM - Doors Configuration

### 3.3.2 Z70 CONFIGURATION

The configuration of Z70 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 21 Z70 - 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.

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

**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 (1.1 in the section 3.3.2).

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

DESCRIPTION	MONITORING	CONTROL
System Access	<input type="checkbox"/>	<input type="checkbox"/>
Phone/Call Access	<input type="checkbox"/>	<input type="checkbox"/>
I/O Access	<input type="checkbox"/>	<input type="checkbox"/>
Switch Access		<input checked="" type="checkbox"/>

Figure 22 GetFace IP – Account Configuration.

## 2. Hardware → Switches → Switch x

### 2.1. Switch Enabled: Enabled.

#### 2.1.1. Controlled Output: select Relay 1 or Output 1.

Switch Mode: Monostable

Switch-On Duration: 5 [s]

Controlled Output: Relay 1

Output Type: Normal

Time Profile: [not used]

Test the switch

Figure 23 GetFace IP – Switches Configuration.

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