



Z41 COM + GetFace IP Configuration Guide

Application Program Version Z41 COM: [1.1] GetFace IP Firmware Version: [2.22] User manual version: b

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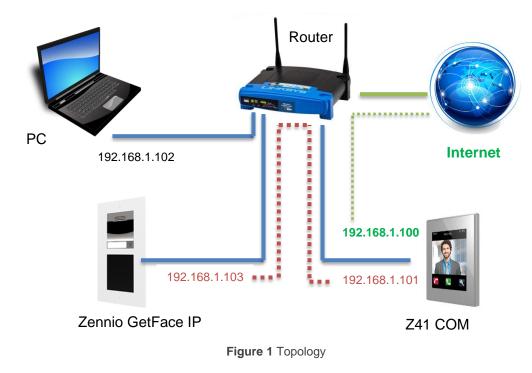
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DOCUMENT UPDATE

Version	Modifications	Page(s)
	- Changes in Z41 COM: tabs and parameters reorganization.	_
b	- Changes in GetFace IP: do not affect this document.	

1 INTRODUCTION

This document presents an example of basic configuration of the **GetFace IP** video intercom together with the indoor unit **Z41 COM** in a simple installation of a private home when **both devices are in the same network**. A compiter conected 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.



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

- One for (in the example: 192.168.1.100)
 - > <u>Remote control</u> through Z41 Remote application.
 - > <u>Connection with the NTP</u> server to update date and time.
 - > <u>Firmware updating</u> through Z41 Update.
- Another one for the <u>communication with the video intercom</u>. 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 IP for the remote control.

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 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 unit and a single GetFace IP unit.

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

2.1 Z41 COM CONFIGURATION

The following aspects must be configured in the ETS configuration (default values in blue, modified values in red):

- 1. In "MAIN CONFIGURATION", tab "VoIP Calls":
 - 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.

- MAIN CONFIGURATION	Z41 COM VolP Configuration		
GENERAL	IP Address	192.168.1.101	
Translations	Subnet Mask Specify Gateway	255.255.255.0	
Backlight			
Calendar	Video Intercom		
Security	Internal Calls		
Touch Lock			
Internal Temp. Sensor			
Ethernet			
Firmware Update			
- VoIP Calls			
Video Intercom			



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 3.1 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	
- Outdoor Unit 1	Туре	Private O Community
Configuration	The Outdoor Unit Is in a Different Network	
Configuration	Define ID	
+ MENU	Number of Doors	1 •
+ Configuration Page	Opening Settings	
	HTTP command	✓
	Secure Opening	
	KNX Object	
	Automatic Door Opening (DOORMATIC)	

Figure 3 Z41 COM – Outdoor Unit Configuration.

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

+	MAIN CONFIGURATION	Label	
+	Outdoor Unit 1	Visualization	Other 💌
+	MENU	Function	Video Intercom 🔻
		Video Intercom	1 •
	Page 1	Left Button	Video Intercom 👻
	Configuration	Right Button	Call Log 👻
	Box 1	Protected	O No Ves

Figure 4 Z41 COM - Video Intercom box configuration.

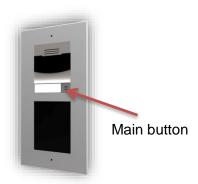
4.1. Video Intercom: 1.

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

2.2 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.
- After connecting the power supply or after performing a reset and <u>once the video</u> <u>intercom is fully initialized</u> (wait until <u>lights up permanently</u>), there are 30 seconds of operation to perform the following actions:



- 2.1. <u>Press for 5 times the button of the basic</u> <u>unit</u>: 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 5.

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 5 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: <u>http://192.168.1.100</u>.

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 6. The default language of the interface is English. It can be changed in the upper right.



Figure 6 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	ζ.
		Disak

- 1.1. Use DHCP Server: Disabled.
 - 1.1.1. Set the network configuration desired.

¢	System 🔳	Basic 802.1x Trace			
∎ \$ \$ \$	Network >	Use DHCP Server			г
K, M	Date & Time	5	Static IP Address	192.168.1.100	
	Licence		Network Mask	255.255.255.0	
	Certificates		Default Gateway	192.168.1.1	
	Auto Provisioning		Primary DNS Secondary DNS		
	Syclog		Secondary Divis		

Figure 7 GetFace IP - Configuration menu

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

2. Directorio \rightarrow Usuarios: add user.

€	Directory	\$	<pre>< 1 2 3 4 5 6 7 8 9 10 > > Search Q</pre>
.h			Remove User Remove
₩ **	Users Time Profiles	>	User Basic Information ~
X	Holidays		Name
\mathbf{Q}	Tiolidays		E-Mail
			Visible on Display 🖌
			User Phone Numbers ~
			Number 1
			Phone Number sip:1@192.168.1.101
			Time Profile [not used] •
			Helios IP Eye Address
			Parallel call to following number

Figure 8 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).

3. Services \rightarrow HTTP API \rightarrow Services

- 1.1. System API: Unsecure (TCP) / None.
- 1.2. Switch API: Secure (TLS) / Digest.
- 1.3. Camera API: Unsecure (TCP) / None.

		Ze	ennio GetFace IP CZ EN	DE FR IT ES RU Logout
🗲 Services 📫	Services Accou	Int 1 Accou	Int 2 Account 3 Accou	Int 4 Account 5
	HTTP API Se	rvices ~		
Phone	SERVICE	ENABLED	CONNECTION TYPE	AUTHENTICATION
Phone Streaming Onvif	System API	✓	Unsecure (TCP) •	None •
Onvif	Switch API	✓	Secure (TLS) •	Digest •
E-Mail	I/O API	✓	Secure (TLS) •	Digest •
Automation	Audio API	✓	Secure (TLS) •	Digest •
HTTP API	> Camera API	✓	Unsecure (TCP) •	None •
User Sounds	Display API	✓	Secure (TLS) •	Digest •
Web Server	E-mail API	✓	Secure (TLS) •	Digest •
Audio Test	Phone/Call API	✓	Secure (TLS) •	Digest •
SNMP	Logging API	✓	Secure (TLS) •	Digest •

Figure 9 GetFace IP - API HTTP Configuration

3 ADVANCED CONFIGURATION

This is the minimum necessary configuration in a basic installation with a single Z41 COM 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 Z41 COM

It is usual to have in a installation multiple Z41 COM that require receive calls from the same GetFace IP outdoor unit.

Next is described the configuration for this case.

3.1.1 Z41 COM CONFIGURATION

The configuration of Z41 COM is **the same as indicated in section 2.1**. However, it is necessary to link certain communication objects of the different Z41 COM to the same group address so that the call log data is consistent in all of them:

- "[Video Intercom] Synchronization", also allows to receive a notification in all Z41 COM when a call has been accepted or rejected in one of them.
- ." (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:

- "[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 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 2.2** but adding the following in the Users section:

1. Directorio \rightarrow Usuarios: add user.

¢	Directory	<u>&</u>	(1 2 3 4 5 6 7 8 9 10 > » Search Q)
ы	Users	>	Remove User Remove
<u>so</u>		,	User Basic Information ~
₩ % \$	Time Profiles		Name
	Holidays		E-Mail
			Virtual Number
			Visible on Display 🖌
		E E	User Phone Numbers ~
			Number 1
			Phone Number sip:1@172.16.11.101
			Time Profile [not used]
			Helios IP Eye Address
			Parallel call to following number 🗹
			Number 2 Phone Number sip:1@172.16.11.104
			Time Profile [not used]
			Helios IP Eye Address
			Parallel call to following number

Figure 10 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 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).

1.2. **Parallel call to following number**: check to add the IP address of the next Z41 COM 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 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).

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

If more than three Z41 COM 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 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, the call will not be received. This is useful when there is more than one outdoor unit, so each call is received in a different Z41 COM box and each one has its call log separately.

If multiple GetFace IP are configured with the same ID, calls from all of them will be received in the Z41 COM box with a video intercom configured with that ID as shown in the figure below.

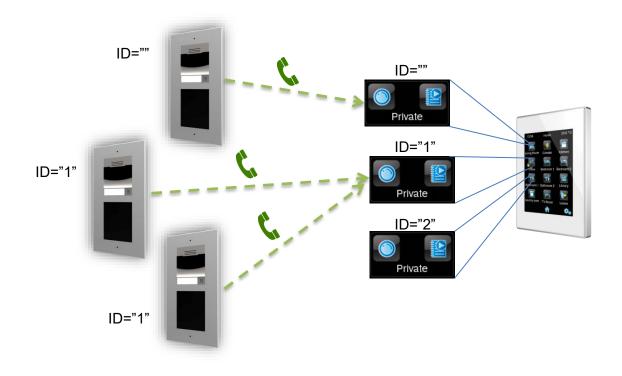


Figure 11 Configuration of multiple boxes with different video intercoms.

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

+	MAIN CONFIGURATION	Name	
-	Outdoor Unit 1	Туре	Private Community
\sim		The Outdoor Unit Is in a Different Network	
_	Configuration	Define ID	\checkmark
+	MENU	Outdoor Unit ID	ID_1
+	Configuration Page	Number of Doors	1 *
-		Opening Settings	
		HTTP command	
		KNX Object	
		Automatic Door Opening (DOORMATIC)	

Figure 12 Z41 COM Configuration – Phone Number (ID)

3.2.2 GETFACE IP CONFIGURATION

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

1. Services \rightarrow Phone \rightarrow SIP 1

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

IMPORTANT: it must be the same as the ID entered in item 1.2 of section 3.2.1.

			Zennio GetFace IP CZ EN DE FR IT ES RU	Logout
$(\mathbf{\bullet})$	Services	\sim	SIP 1 SIP 2 Calls Audio Video 2N Indoor Touch	
.lı	Dharas		Intercom Identity ~	1
502	Phone	,	Display Name Zennio GetFace IP	
<u>&</u> ~~~	Streaming		Phone Number (ID) ID_1	
	Onvif		Domain 192.168.1.1	
\$	E-Mail		Test Call	

Figure 13 Zennio GetFace – Phone Number

3.3 DOORS

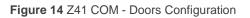
There are many configurations for opening doors, it can be done through a binary KNX, a HTTP command or both of them.

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.

+ MAIN CONFIGURATION	Name	
- Outdoor Unit 1	Туре	Private Community
Configuration	The Outdoor Unit Is in a Different Network Define ID	
+ MENU	Number of Doors	3 🗸
+ Configuration Page	Opening Settings HTTP command	✓
	Secure Opening	✓
	Username	user
	Password	password
	KNX Object	\checkmark
	Object Value	◎ 1 = Open ○ 0 = Open



3.3.2 GETFACE IP CONFIGURATION

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

- 1. Services \rightarrow HTTP API \rightarrow Account x
 - 1.1. Account Enabled: 🗹 Enabled.
 - 1.1.1. **User Name**: the same as the user name configured in Z41 COM.

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

IMPORTANT: it must be the same User Name and Password as the ones entered in 1.2.1 in the previous section 3.3.1.

1.2. Switch Access – Control: Second Enabled.

€	Services	*	Services Account 1 Accou	Int 2 Account	: 3 Account 4 Accou	int 5
.h	Phone		✓ Account Enabled			
-∎ 34 5× 5×	Streaming		User Settings ~			
X	Onvif			User Name	user	
₿	E-Mail			Password	•••••	
	Automation		User Privileges 🖌			
	HTTP API	>	DESCRIPTION System Access			
	User Sounds		Phone/Call Access			
	Web Server		I/O Access			
	Audio Test		Switch Access			

Figure 15 Zennio GetFace – Account Configuration.

2. Hardware \rightarrow Switches \rightarrow Switch x

- 2.1. Enabled Switch: 🗹 Enabled.
 - 2.1.1. Controlled Output: select Relay 1 or Output 1.

		Zennio GetFace IP CZ EN DE FR IT ES RU	Logout
•	Hardware	Switch 1 Switch 2 Switch 3 Switch 4 Advanced	
J.		Switch Enabled	
	Switches	Basic Settings ~	
K P	Audio	Switch Mode Monostable *	
<mark>⊛</mark> ≪ ✿	Camera	Switch-On Duration 5 [s]	
	Buttons	Time Profile [not used] •	
	Backlight	Distinguish on/off codes	
	Digital Inputs	Test the switch	
	Extenders	Output Settings ~	1
- 1		Controlled Output Relay 1 •	
- 1		Output Type Normal 🔻	

Figure 16 Zennio GetFace – Switches Configuration.



Join and send us your inquiries about Zennio devices: <u>http://support.zennio.com</u>

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