DV4000IP

DV4000IP2

DV4000IP-3

DV4000IP-4

ELRO Home Safe

Manual

IP VIDEO DOOR INTERCOM

WITH 7"(18cm) MONITOR

DV4000IP-Series

Home is not a place, it’s a feeling

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1. Introduction

Please read this manual before you start mounting and installing the **IP VIDEO DOOR INTERCOM**. The set has an outdoor unit with brushed aluminum finish and a protective heavy metal rain-sun cover for mounting on the wall. For indoor use a nicely designed monitor in brushed aluminum is included.

- The 1080P camera has a viewing angle of 90°(H) x 50°(V) and features 6 white LEDs for optimal night viewing up to at least two metres away from the camera.
- The outdoor unit has a nameplate that lights up when the call button is pressed.
- A twilight switch activates the 6 white LEDs in the dark.
- The monitor has an 18cm LCD screen with a resolution of 1024 x 600 pixels.
- Via the monitor's menu, the following settings, among others, can be made:
  - 16 ring tones to choose from.
  - Electric door opener unlock time (max. 10sec.).
  - Language; English-Dutch-Svenska-Dansk-Deutsch-Français-Español-Italiano.
- Via the controls on the side of the monitor, the volume, brightness and colour intensity (chroma) can be set according to preference.
- The system provides a 12V DC voltage common to most electric door openers.
- There is a potential-free contact for switching, for example, a gate or fence with its own power supply.
- A 2-core cable with a plug is supplied for connecting an electric door opener via the outdoor unit. Please note that in this case, the outside door only provides access to a common room/staircase entrance and not direct access to your home.
- With the free ELRO Home Safe app on your smartphone, you can talk to a visitor, take a photo/video and you can even remotely control the electric door opener.
- Download the ELRO Home Safe app and create an account and allow all permissions to take full advantage of all the features offered.
- Then link the intercom to your account via the app and allow all permissions.
- A built-in box is available as an accessory from www.elro.eu or from the retailer where you bought this set.

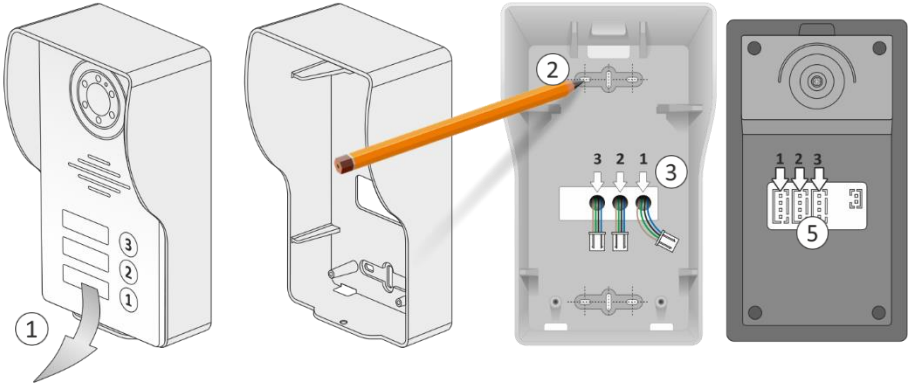
2. Package contents

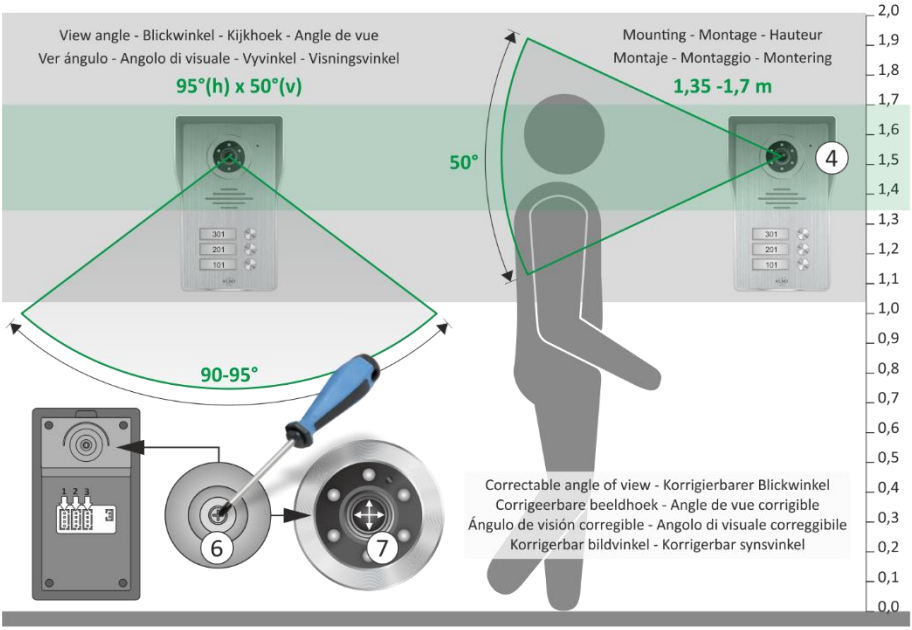
1. Outdoor unit with pushers and camera
2. Rain shelter
3. Monitor
4. Connection cable length 15 m
5. Connection cable
6. Adapter with 1.75 m cord
7. Mounting bracket
8. Connection cable for electric door opener
9. Screws, plugs and allen wrench

DV4000IP	1	1		1	1	1	1	1	1
DV4000IP-2	2	2		2	2	2	1	1	2
DV4000IP-3	3	3		3	3	3	1	1	3
DV4000IP-4	4	4		4	4	4	1	1	4
Content Inhalt Inhoud Contenu				15 m	17 cm	1,75 m	15 cm		

3. Mounting outdoor unit

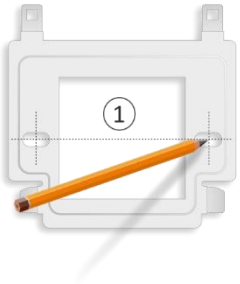
- Remove the outdoor unit (1) from the rain-sun shade and use it to mark drill holes for mounting on the wall (2).
- The shade must be mounted flush with the entire rear side of the wall/wall.
- Drill one or more holes (3) to connect the connection cables through the wall/wall to the outdoor unit.



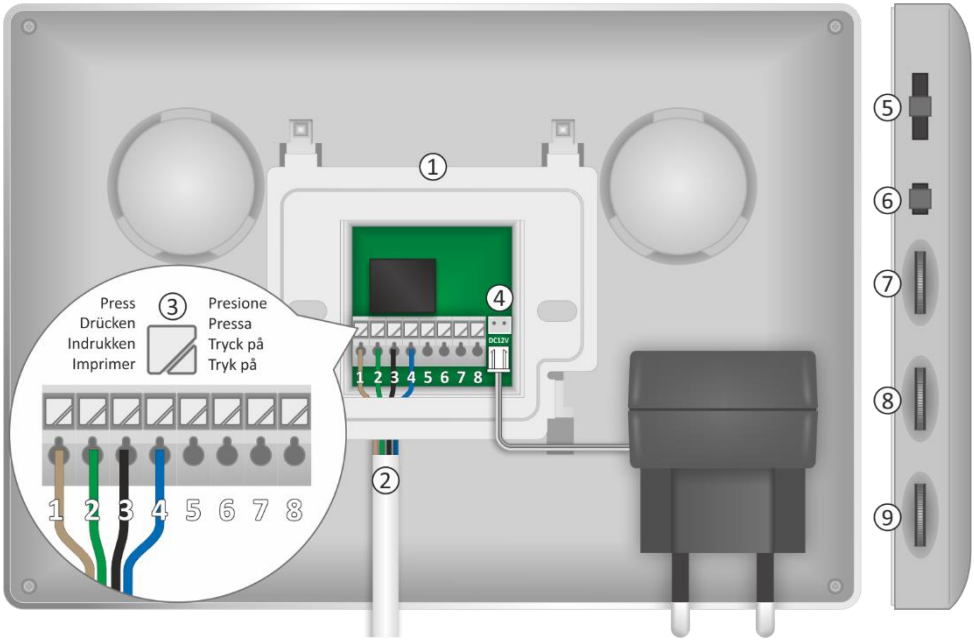


- We recommend a mounting height (4) between 1,35 and 1,70 meters.
- Try to avoid direct exposure to sunlight.
- Plug the connection cables into the respective slots (5).
- After mounting, the angle of view of the camera can be corrected if necessary. Use a screwdriver (6) to loosen the screw a little and point (7) the camera to correct the image.
- On the underside of the outdoor unit is an Allen screw (8) which you can unscrew with the supplied Allen key. Carefully remove the aluminum front plate, rock the transparent plastic cover with a flat screwdriver. You can now put your house number(s) on a piece of paper.
- Use the Allen key to screw the outdoor unit into the rainshade.

4. Mounting the monitor



- The monitor should be mounted within range of your WiFi.
  The supplied cable is 15 meters, take this into account the location of the monitor.
- Mount the mounting bracket (1) on the wall and take into account that the connections of the outdoor unit, the 12V DC adapter and possibly the electric door lock have to be made on the back of the monitor.
- The mounting bracket provides exactly the space to connect the 4 core connection cable (2) between the monitor and bracket.
  Press (3) to open the clamp contact:
  - 1 brown = Audio
  - 2 green = Ground
  - 3 black = Video
  - 4 blue = Power
- Plug the adapter plug (4) into the DC12V connection.
- Now you can place the monitor on the mounting bracket and carefully slide it down, think of the cabling.



4.1 Control Regulators

The following controls are located on the side of the monitor:

- Ringer volume (5), adjustable in 3 steps.
- Menu setting (6)
- Brightness (7), controls the image from bright to dark.
- Chroma (8), which controls the intensity from color to black and white.
- Speech volume (9).

4.2 Functions of the monitor

With this button you can look "outward" at any time. After 40 seconds, the monitor automatically switches off again. If you want to stop prematurely, press the button with the receiver twice.

This allows you to switch an electric door opener. After pressing this button, a 12V DC voltage is released. The connection is via terminal contacts 5 and 6 of the monitor or by means of the 2 wire cord via the outdoor unit.

With this button you switch the potential free terminals 7 and 8. Here you connect a port/ gate opener with its own power supply.

When a visitor logs on, the monitor switches on automatically. Press this key to start a call. Press again to end the call, the monitor automatically turns off.

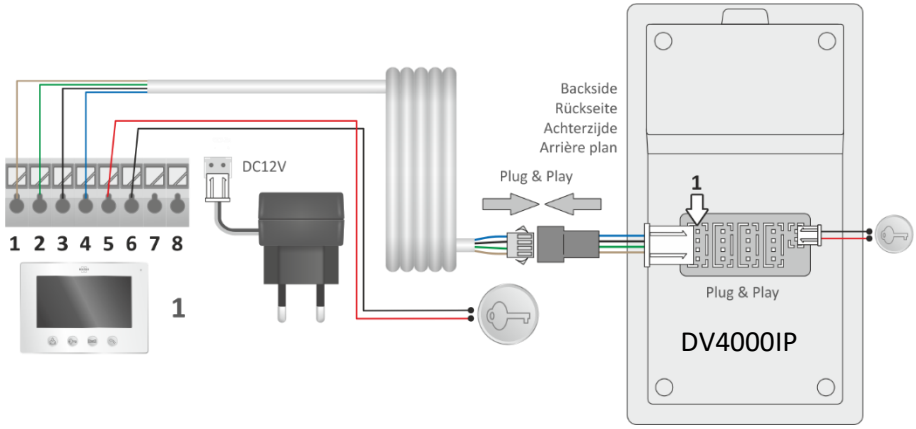
4.3 Monitor menu

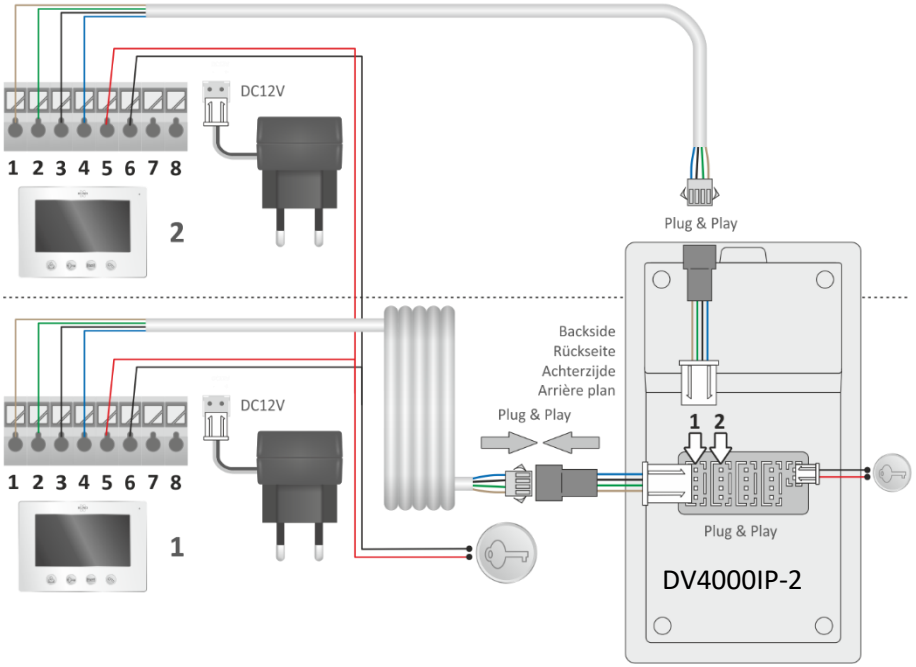
Press the menu setting button on the side of the monitor for 4 seconds. Use the function keys (described above) to navigate through the menu.

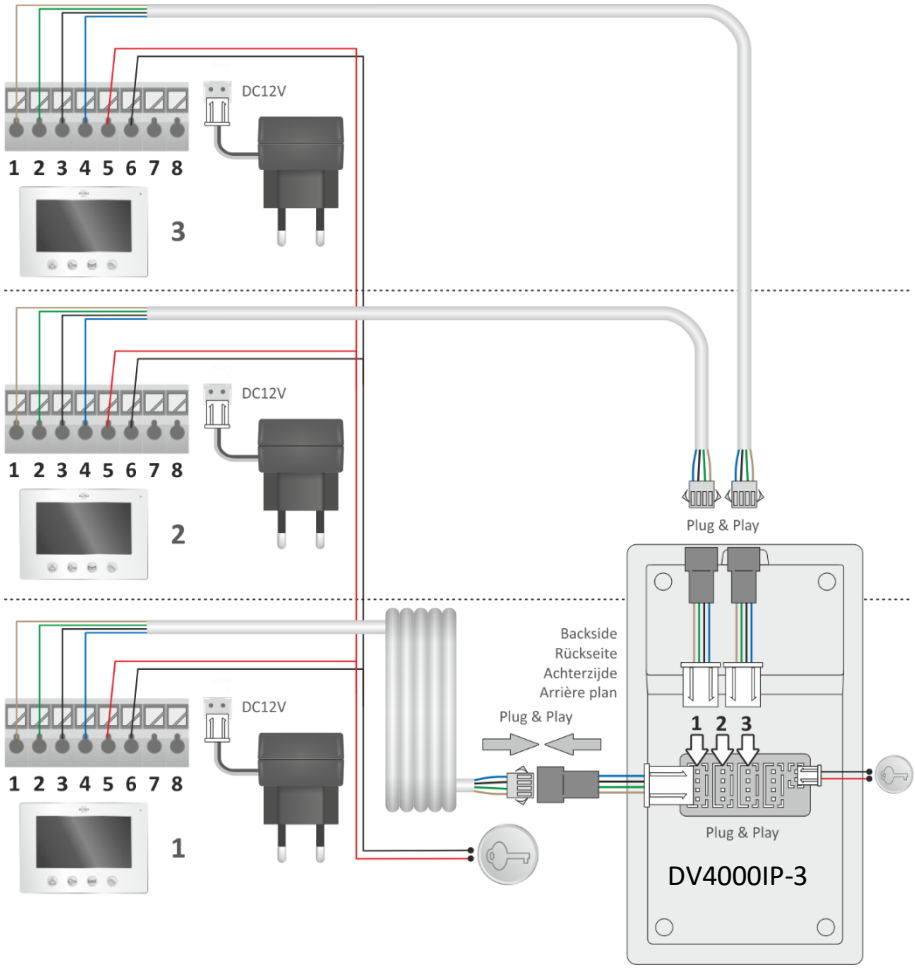
- After activating the menu, it remains active for 35 seconds; to exit the menu prematurely, press the menu-setting key again.
- The monitor is delivered in EZ-Mode by default, do not change this setting.

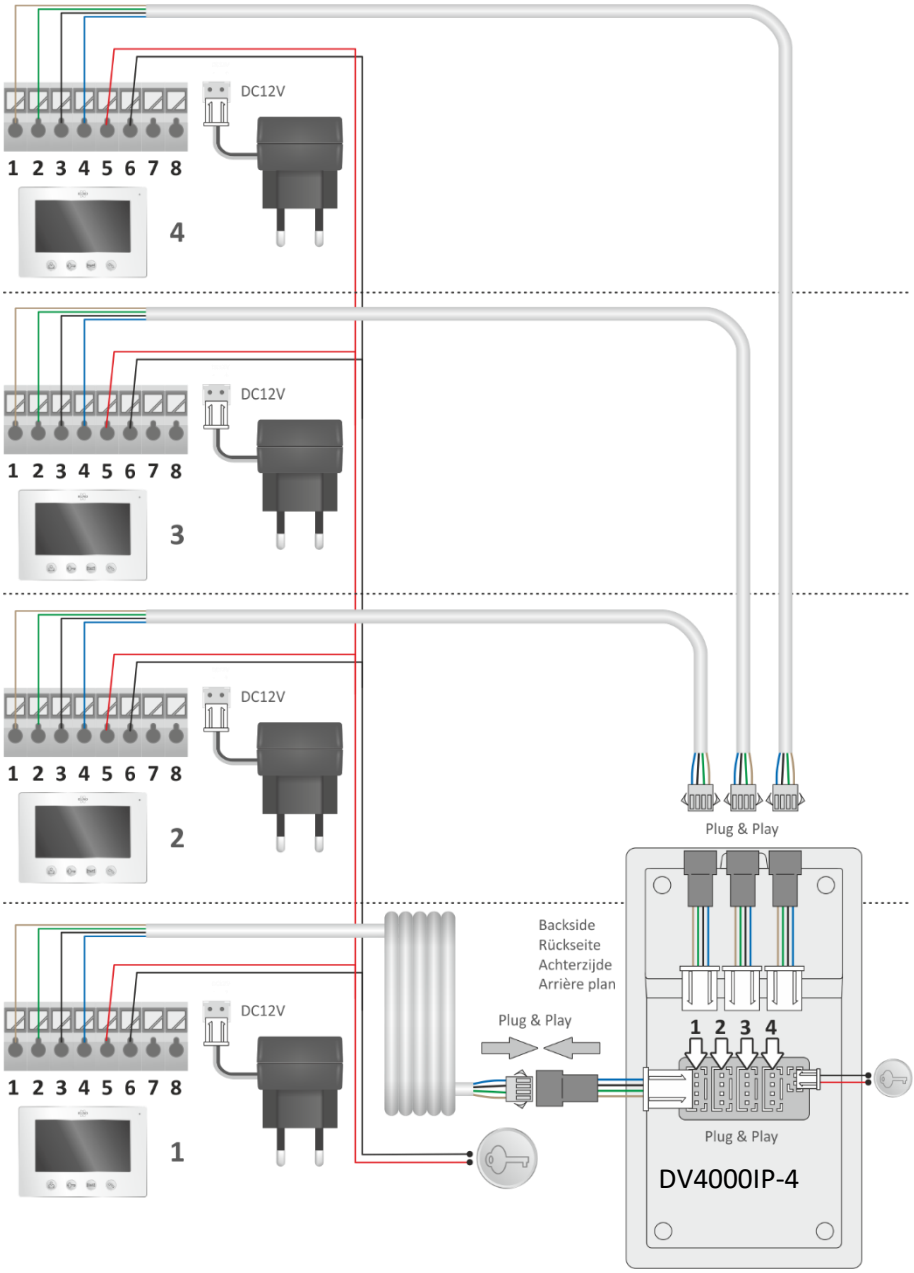
1. Choice of ringing melody
2. Release time (electric door opener)
3. Language display
4. Return to factory settings
5. System restart
6. Information
7. Network link EZ-MODE is default value.

5. Wiring diagrams



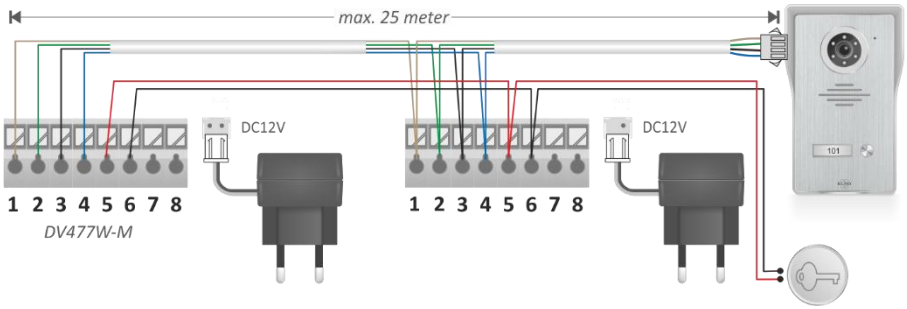



DC12V
1 2 3 4 5 6 7 8
3
DC12V
1 2 3 4 5 6 7 8
2
DC12V
1 2 3 4 5 6 7 8
1
Plug & Play
Backside
Rückseite
Achterzijde
Arrière plan
Plug & Play
1 2 3
Plug & Play
DV4000IP-3


DC12V
1 2 3 4 5 6 7 8
4
DC12V
1 2 3 4 5 6 7 8
3
DC12V
1 2 3 4 5 6 7 8
2
DC12V
1 2 3 4 5 6 7 8
1
Plug & Play
Backside
Rückseite
Achterzijde
Arrière plan
Plug & Play
1 2 3 4
Plug & Play
DV4000IP-4

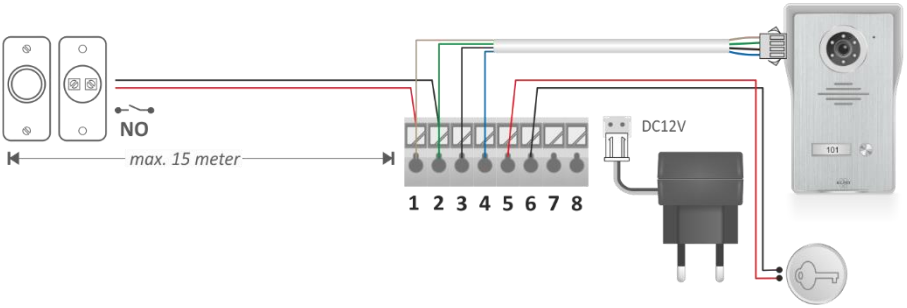
5.1 Second monitor

It is possible to connect a second monitor to the existing one, see the diagram below. This monitor comes with 15 metres of connecting cable, mounting and a power supply adapter. Please note that this second monitor should not be mounted more than 25 metres away from the outdoor unit.



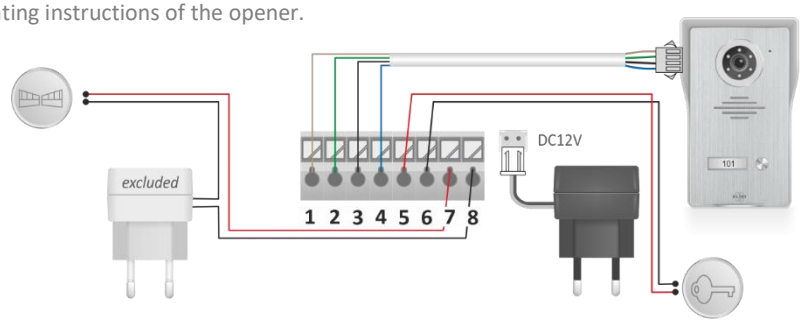
5.2 Additional call button

For on the back door, or another entrance, a bell push can be connected to the monitor. When pressed, the monitor plays the call melody, note that this also activates the camera.

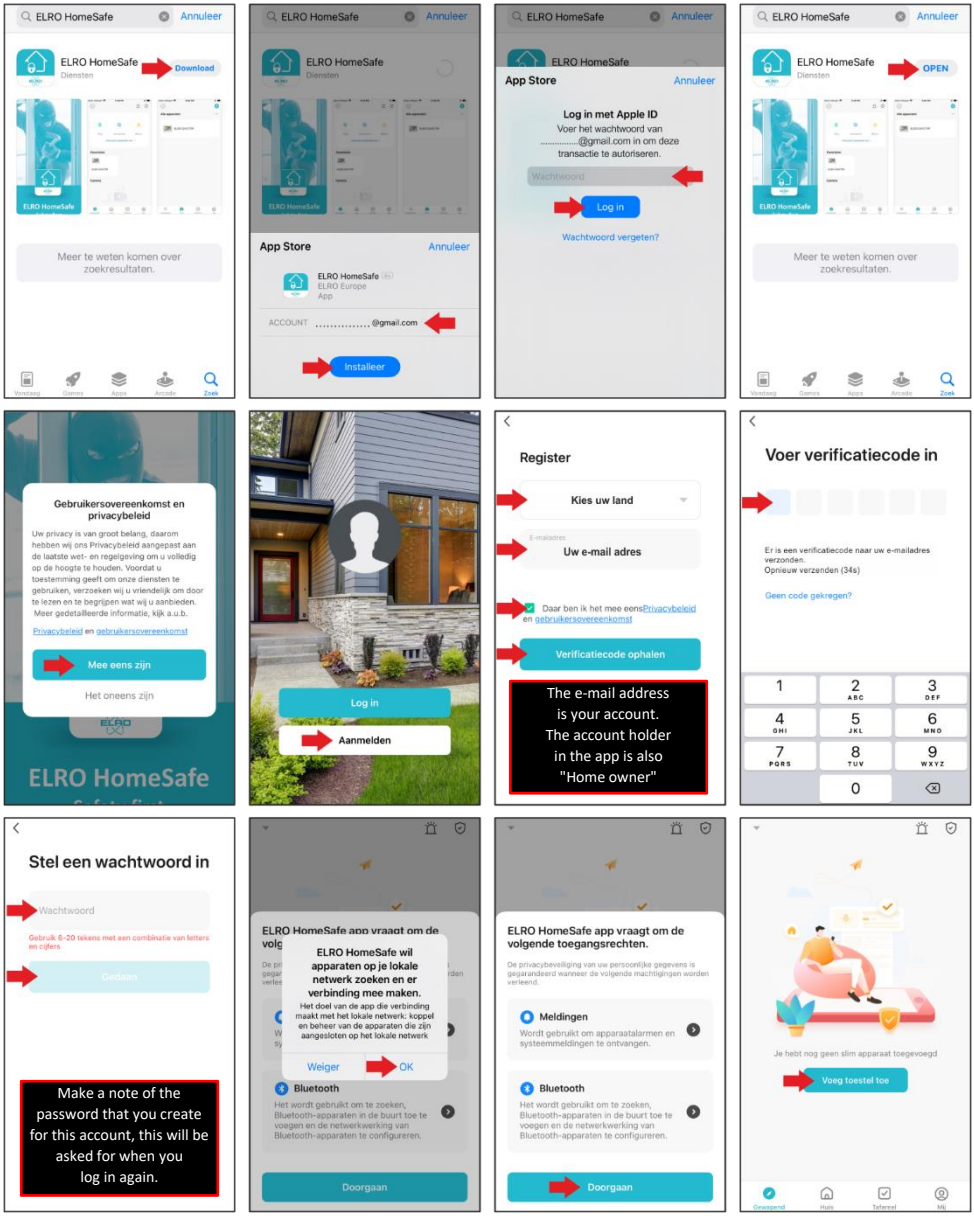


5.3 Potential-free contacts 7 & 8

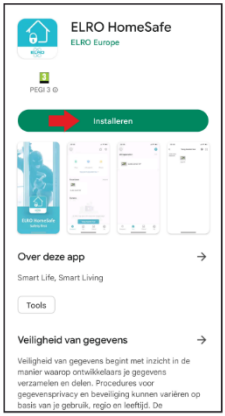
A gate or fence opener with its own power supply can be connected to 7 & 8. Please refer to the operating instructions of the opener.

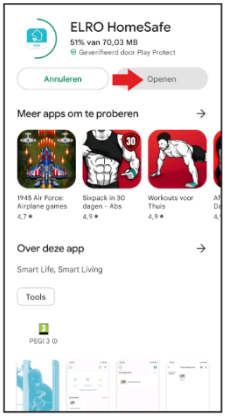


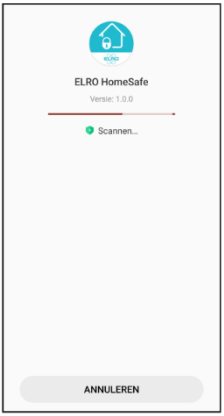
6. Downloaden ELRO Home Safe app iOS

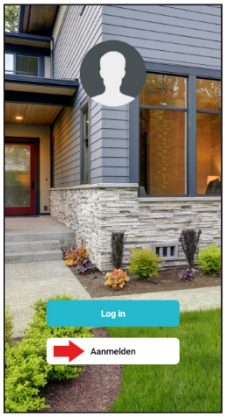


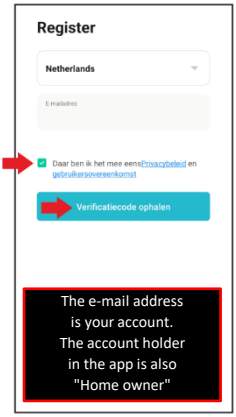
7. Downloaden ELRO Home Safe app Android

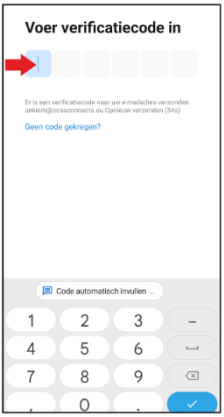


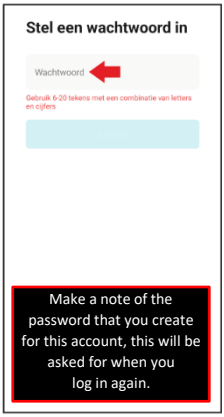


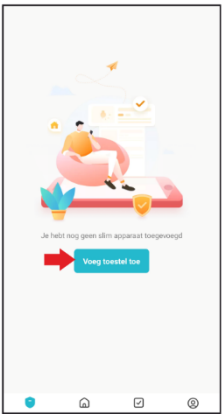




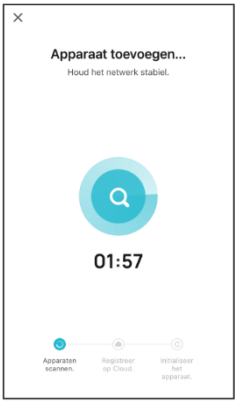


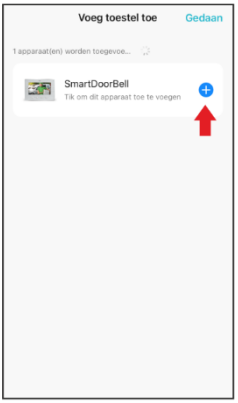


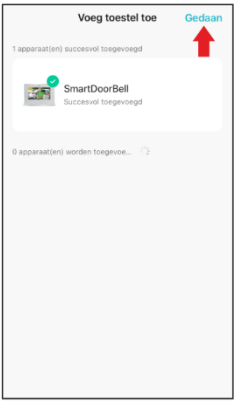


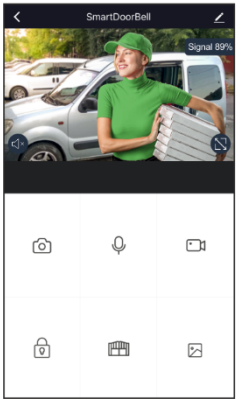


8. De intercom koppelen iOS

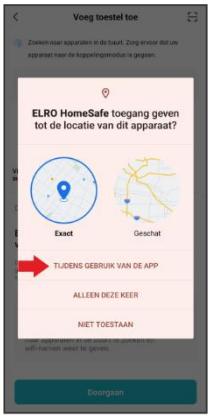


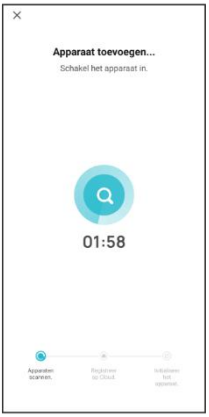


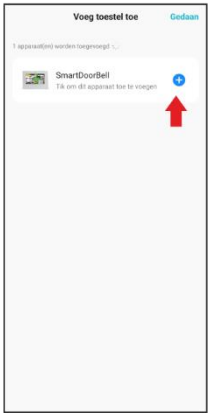


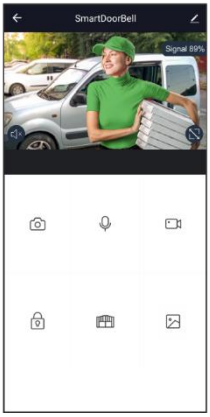


9. De intercom koppelen Android









10. Icon explanations

1 step back

To settings

WiFi signal intercom/router

Speaker off

Speaker on

Microphone off

Microphone on

Full screen

Back to normal screen

Take a photo

Take a video

Electric door opener

Electric gate opener

Photo and video playback

Alarm (android smartphone)

Alarm (iOS smartphone)

Home (linked devices in your app)

Home management

Scene

Profile

Location management

Security settings

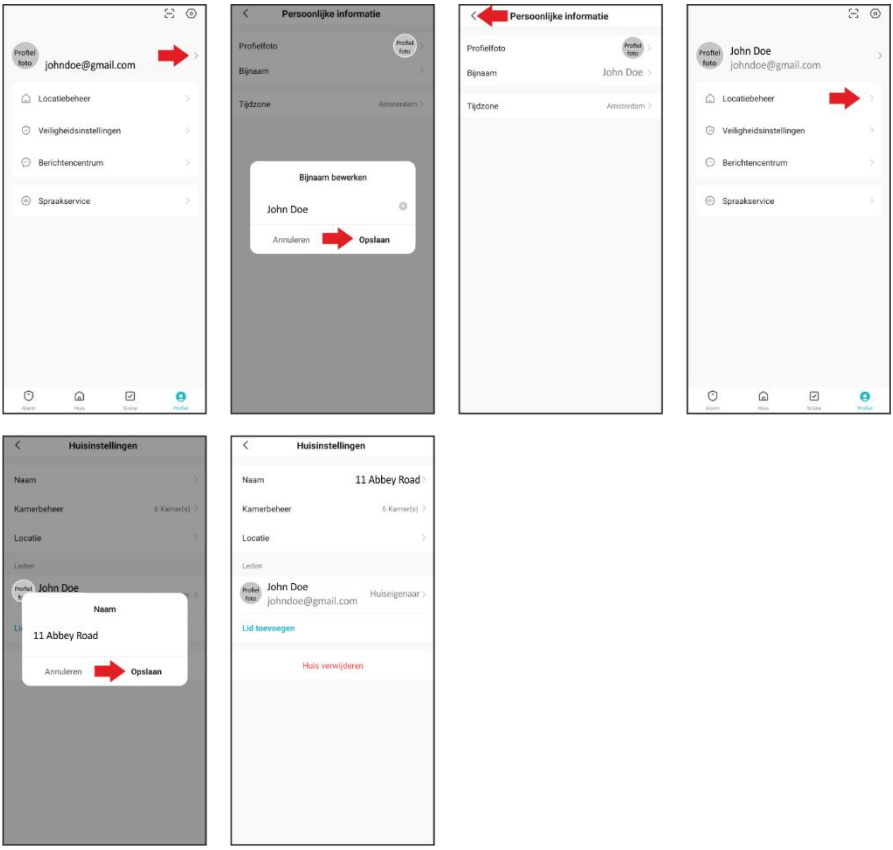
Message centre

Voice service

Delete device

11. Sharing the intercom

To share the intercom system, you must identify yourself in the app via "Profile" with a nickname and in "Location management" you must enter a name location.
For example, you can use your home address for this purpose. As an account holder, you are automatically ""Homeowner"" in the app; this is also the highest user level.



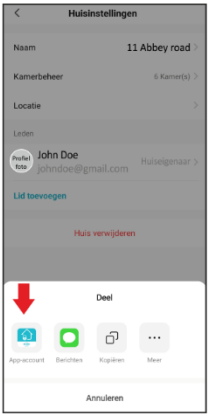
The person or family member you want to share the installation of the intercom with must also download the app, create an account and make themselves known in the app as described above.

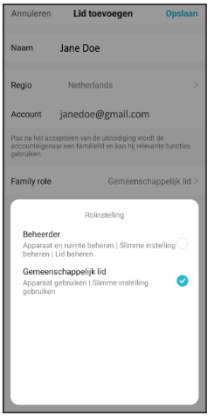
Note:

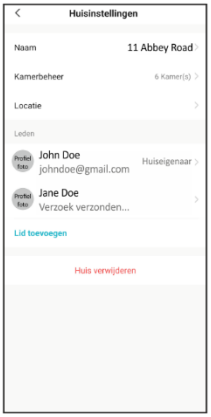
The family member or user does not need to create their own location in the app and can join the existing location created by the main user.

11.1 Add member

- Go to "Location management" via "Profile" and select "Add member"
- Add the App account.
- Type in the name of co-user Jane Doe.
- Type in the account email address.
- Assign a family role.
- Activate the co-user Jane Doe, by tapping "Save".





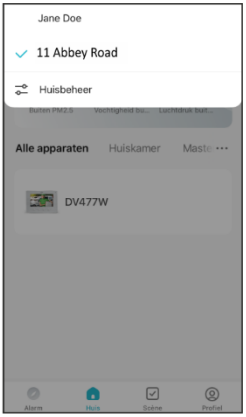


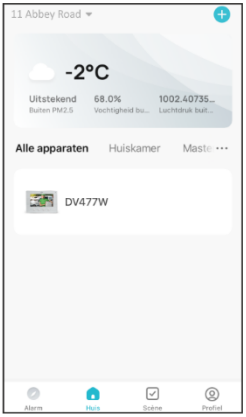
Clarification of family role

Administrator - Manage device, room, smart settings and member.
Common member - Use device and smart setting.

11.2 Accept invitation

Jane Doe receives an invitation on her smartphone to use the installation of intercom DV4000IP





12. Delete intercom

In the app, go to "Home" and select the intercom, hold your finger on the image, a window opens, the intercom can be deleted.

- This can only be performed by the Account holder and an Administrator.

13. Specifications

MONITOR

Resolution	1024 x 600
Size	18 cm (7")
Observation time	40 seconds
Release time	Adjustable 1 - 10 seconds
Talk time	120 seconds
Power Consumption	In rest ≤ 4.5W / Operating State ≤ 9.5W
Adapter	Input AC100-240V / Output DC12V, 2A, 24W
WiFi	2.4GHz.
Cable length	15 m; 4 x 0,3 mm
Dimensions	214 x 152 x 17 mm
Number of ringtones	16

OUTDOOR UNIT

Resolution	700 TV lines
Viewing angle	90° horizontal - 50° vertical
Working temperature	-10°C ~50°C
Humidity	10%~90%(RH)
Night view	6 x white light led's, 2 meters
Dimensions (rain shade)	122 x 206 x 79 mm

14. Safety instructions

- Do not install the equipment in an environment of high temperature or high humidity.
- Do not place the equipment near televisions, as signals from televisions and the intercom may interfere with each other.
- Do not touch the equipment with wet hands.
- Do not throw, drop, or otherwise damage the equipment.
- Clean the equipment with a soft cloth. Do not use any polish, thinner, or caustic agents.
- Do not expose the camera to direct sunlight.
- Use the product in a situation where there is no interference.
- When a car or motorcycle passes by, the image may become blurred or disappear due to interference from radio waves.

Note:

- To prevent damage, install the devices according to the instructions.
- Place the AC adapter in an accessible location where it can be disconnected.
- Use the supplied cables.

15. Declaration of Conformity DoC

- I, ELRO Europe, hereby declare that the type of radio equipment DV4000IP complies with Directive 2014/53/EU. The full text of the EU declaration of conformity can be consulted at the following internet address: www.elro.eu/compliance".
- Frequency: 2.4GHz
- Maximum transmission power: < 20 dBm

16.Symbols

Recycling and Disposal: The WEEE symbol means that this product and batteries must be disposed of separately from household waste. When this product reaches the end of its life, take it to a designated waste collection point nearby to ensure safe disposal or recycling. Protect the environment and human health, use natural resources responsibly!

Read the manual before use and keep it in a safe place for future use and maintenance.

Guarantee visit www.elro.eu

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