

ELRO DV477IP4

ELRO DV477IP4 IP WiFi Video Intercom System - 4 Family Units - User Manual

Model: DV477IP4 | Brand: ELRO

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ELRO DV477IP4 IP WiFi Video Intercom System. Please read this manual carefully before installation and use to ensure proper functionality and safety.

The ELRO DV477IP4 system is designed for use in buildings with up to four apartments or houses sharing a single entrance. It includes one outdoor unit with four call buttons and four indoor monitors. The system allows you to see and communicate with visitors at your door, whether you are at home or away, via the indoor monitors or the ELRO Intercom smartphone application.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1x Waterproof Outdoor Doorbell Unit with 4 Call Buttons and Rain Cover
- 4x 7-inch Color Monitors
- 4x Monitor Mounting Brackets
- 4x 15-meter 4-wire Cables
- 4x Power Adapters
- Mounting Hardware (screws, wall plugs)
- User Manual



Image: The ELRO DV477IP4 product packaging, showing the outdoor unit, four indoor monitors, and a smartphone displaying the app interface. This image illustrates the complete system as packaged.

3. PRODUCT OVERVIEW

3.1 Outdoor Unit Features

- Anti-vandalism metal construction.
- Integrated camera with ELRO Color Night Vision Technology (white LEDs for color images in low light).
- Four illuminated call buttons with nameplates.
- Built-in microphone and speaker for two-way communication.
- Rain cover for weather protection.

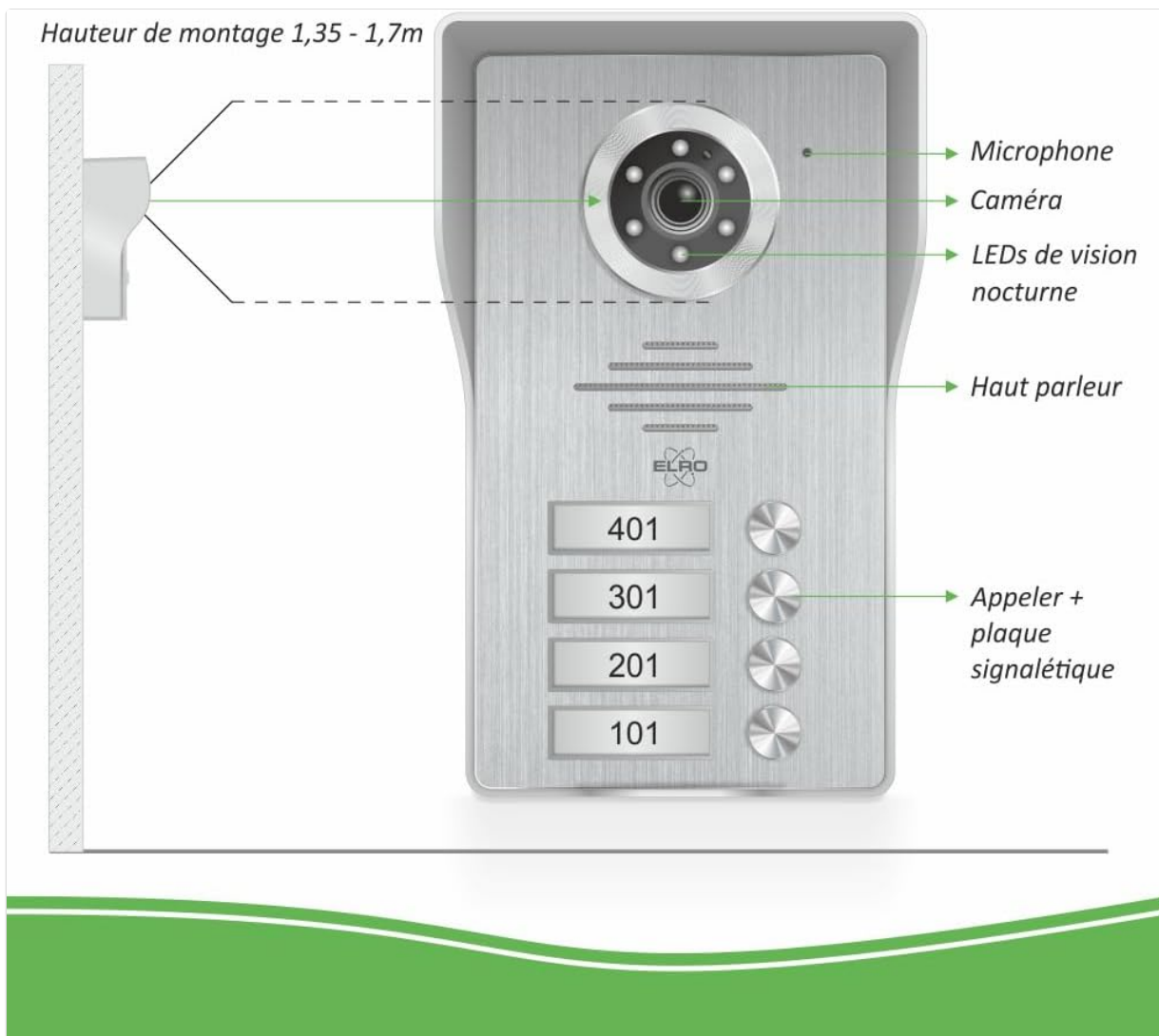


Image: Diagram of the ELRO DV477IP4 outdoor unit, highlighting its components: microphone, camera, night vision LEDs, speaker, and four call buttons with nameplates. Recommended installation height is between 1.35m and 1.70m.

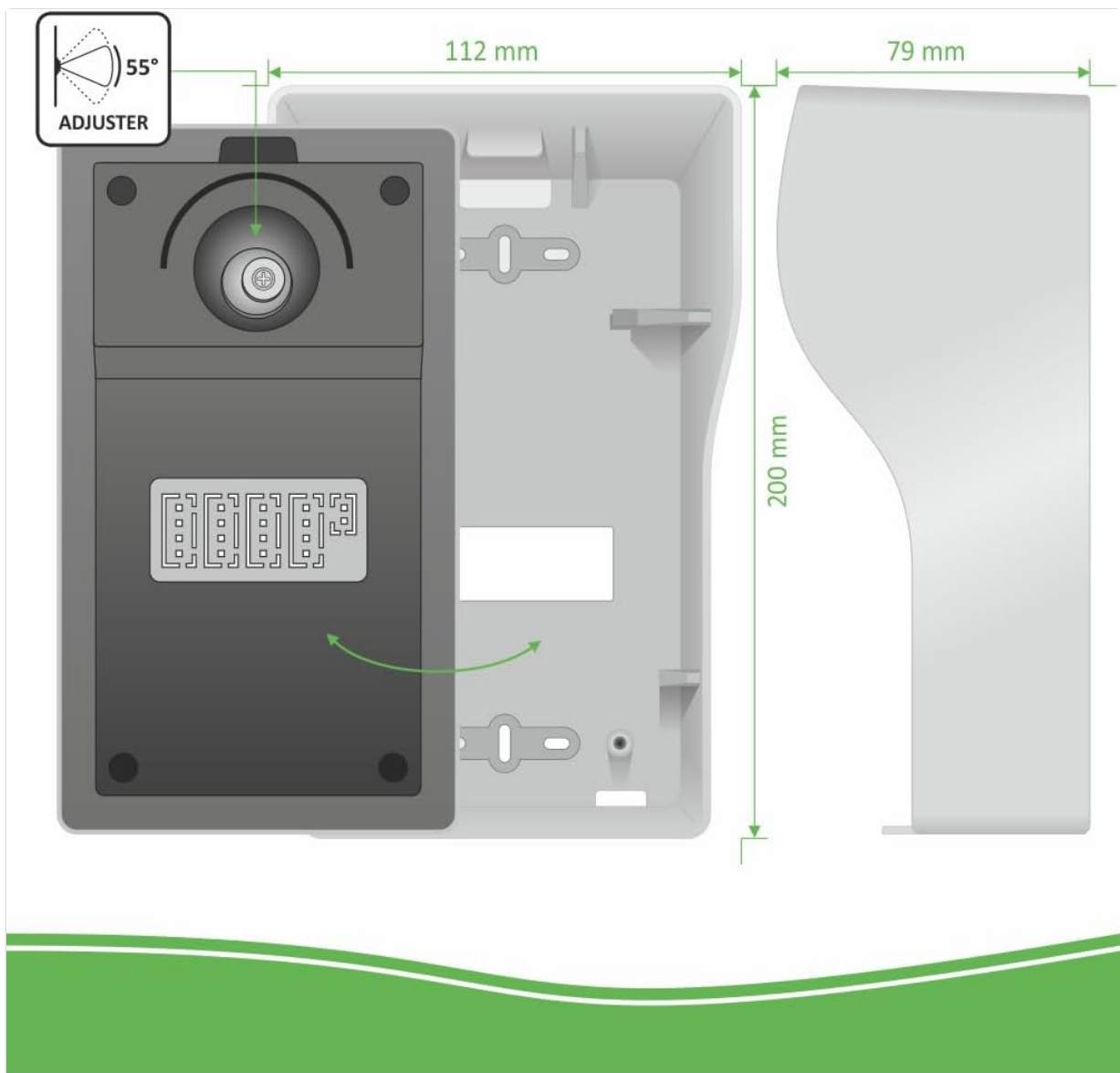


Image: Exploded view of the ELRO DV477IP4 outdoor unit, showing the main unit, mounting bracket, and rain cover. It also indicates a 55-degree adjustable camera angle and dimensions (112mm width, 200mm height, 79mm depth with rain cover).

3.2 Indoor Monitor Features

- 7-inch (18 cm) color display.
- High-quality brushed aluminum casing.
- Adjustable voice volume, ringtone volume, brightness, and color intensity.
- 16 selectable ringtones.
- WiFi connectivity for integration with the ELRO Intercom App.
- Buttons for live view, door unlock, gate control, and talk function.



Image: Diagram of the ELRO DV477IP4 indoor monitor, showing its 7-inch (18cm) screen and control buttons: Live View, Door Unlock, Gate Control, and Talk. Dimensions are 214mm width and 152mm height.

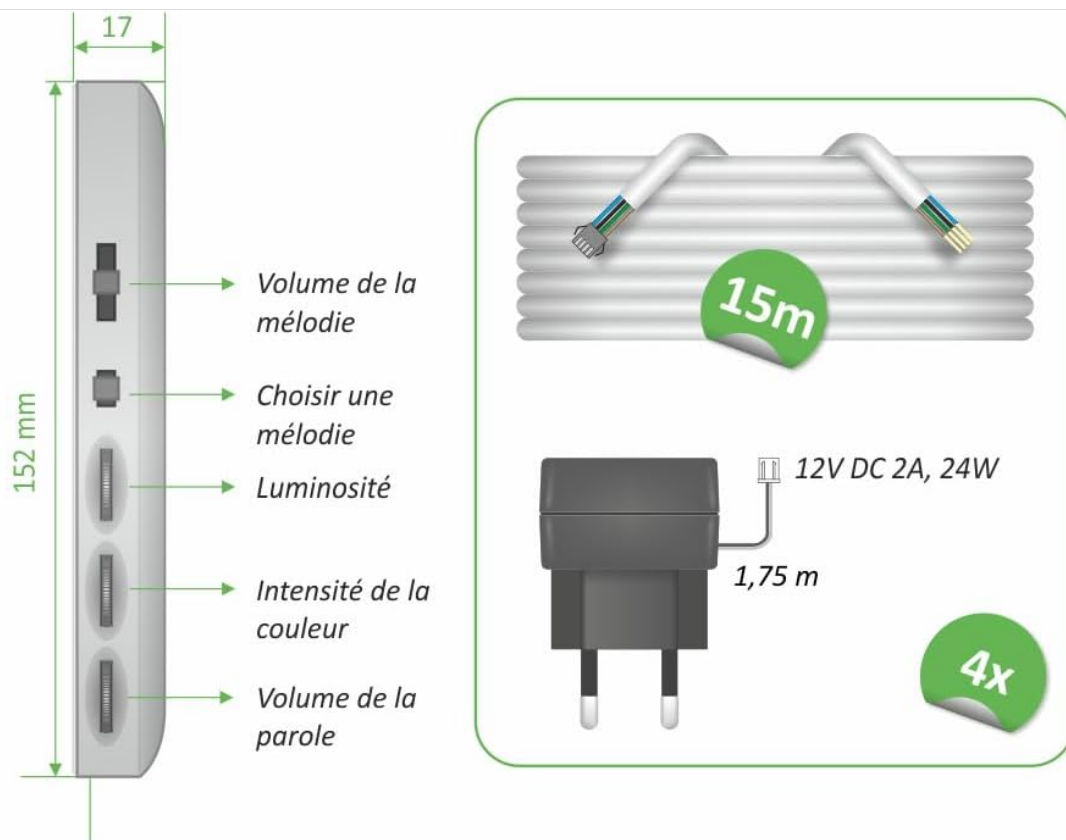


Image: Side view of the ELRO DV477IP4 indoor monitor, indicating controls for melody volume, melody selection, brightness, color intensity, and speech volume. Also shown are the 15m 4-wire cable and the 12V DC 2A power adapter.

4. SETUP AND INSTALLATION

The ELRO DV477IP4 system is designed for straightforward installation. Follow these steps:

4.1 Outdoor Unit Installation

1. Mount the outdoor unit's bracket on your exterior wall at a height between 1.35 meters and 1.70 meters.
2. Connect the 4-wire cable from the outdoor unit to the indoor monitor.
3. Secure the outdoor unit into its bracket.

4.2 Indoor Monitor Installation

1. Mount the monitor's bracket on an interior wall.
2. Connect the 4-wire cable from the outdoor unit to the monitor.
3. Connect the power adapter to the monitor and plug it into a power outlet.
4. Secure the monitor onto its bracket.

4.3 ELRO Intercom App Connection

1. Download the free ELRO Intercom App from the App Store (iOS) or Google Playstore (Android).
2. Follow the in-app instructions to connect your monitor to your home WiFi network.
3. Configure the app for each resident to receive calls via their smartphone.



Image: The back of the ELRO DV477IP4 product packaging, illustrating the three main installation steps: mounting the outdoor unit, connecting the indoor monitor, and connecting to the ELRO Intercom app. App download links for Google Play and App Store are also shown.

5. OPERATING INSTRUCTIONS

5.1 Using the Indoor Monitor

When a visitor presses a call button on the outdoor unit, the corresponding indoor monitor(s) will ring and display the visitor's image.

- **Answer Call:** Press the **Talk** button to initiate two-way communication.
- **Live View:** Press the **Live View** button to see the outdoor camera feed at any time.
- **Unlock Door:** Press the **Door Unlock** button to remotely open a connected 12V door opener.
- **Control Gate:** Press the **Gate Control** button to operate a connected gate.
- **Adjust Settings:** Use the side controls to adjust ringtone volume, select melodies, and modify screen brightness and color intensity.

5.2 Using the ELRO Intercom App

The ELRO Intercom App allows you to manage your intercom system from your smartphone or tablet, even when you are away from home.

- **Receive Notifications:** Get push notifications on your smartphone when someone rings the doorbell.
- **Live View & Communication:** View live video from the outdoor unit and engage in two-way communication with visitors.
- **Capture Media:** Take photos or record videos of visitors directly from the app.
- **Remote Control:** Remotely unlock doors or control gates.



- 1
Allumez ou éteignez le microphone pour communiquer avec le visiteur.
- 2
Allumez ou éteignez le haut-parleur qui produit le son ambiant.
- 3
Prenez une photo.
- 4
Démarrage/arrêt de l'enregistrement vidéo.
- 5
Plein écran et retour.

Image: Screenshot of the ELRO Intercom smartphone application interface. It shows a live video feed from the outdoor unit and control icons for microphone on/off, speaker on/off, taking a photo, starting/stopping video recording, and full-screen view. Buttons for hanging up and opening the door are also visible.

6. MAINTENANCE

To ensure optimal performance and longevity of your ELRO DV477IP4 system, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the outdoor unit's camera lens and the indoor monitor screens with a soft, damp cloth. Avoid abrasive cleaners.
- **Rain Cover:** Ensure the rain cover on the outdoor unit is free from obstructions to maintain clear camera vision during wet weather.
- **Cable Connections:** Periodically check all cable connections for security and integrity.
- **Software Updates:** Keep the ELRO Intercom App updated to the latest version for new features and security enhancements.

7. TROUBLESHOOTING

If you encounter issues with your ELRO DV477IP4 system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor / Monitor not powering on.	- Power adapter disconnected. - Faulty power outlet. - Loose 4-wire cable connection.	- Check if the power adapter is securely plugged into the monitor and the outlet. - Test the power outlet with another device. - Ensure the 4-wire cable is properly connected at both ends.
No sound or poor sound quality during communication.	- Volume settings too low. - Microphone/speaker obstruction. - Loose cable connection.	- Adjust the voice volume on the indoor monitor. - Ensure microphones and speakers on both units are clear. - Check the 4-wire cable connection.
App not receiving notifications or connecting.	- No internet connection on monitor or smartphone. - Incorrect app settings. - Outdated app version.	- Verify both your monitor and smartphone are connected to the internet (WiFi/4G). - Check app settings for proper configuration and permissions. - Update the ELRO Intercom App to the latest version.
Night vision not working or poor quality.	- Obstructed camera lens. - LEDs are not functioning.	- Clean the camera lens on the outdoor unit. - Contact customer support if LEDs appear faulty.

If the problem persists after trying these solutions, please contact ELRO customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	DV477IP4
Brand	ELRO
Number of Apartments/Units	4
Indoor Monitor Screen Size	7 inches (18 cm)
Outdoor Unit Material	Brushed Aluminum (Anti-vandalism)
Indoor Monitor Material	Brushed Aluminum
Connectivity Technology	Wired (4-wire), Wireless (Wi-Fi)

Feature	Detail
Video Recording Resolution	720p
Special Features	Color Night Vision, Two-way Communication, App Control, Door/Gate Opener Compatibility (12V)
Power Source	Electric Cable (12V)
Power Consumption	5 Watts
Outdoor Unit Dimensions (L x W x H)	Approx. 20 x 11.2 x 7.9 cm (with rain cover)
Indoor Monitor Dimensions (L x W x H)	21.5 x 15 x 2.5 cm
Recommended Use	Outdoor Security
Compatible Devices	Smartphone, Tablet
Controller Type	Amazon Alexa

9. WARRANTY AND SUPPORT

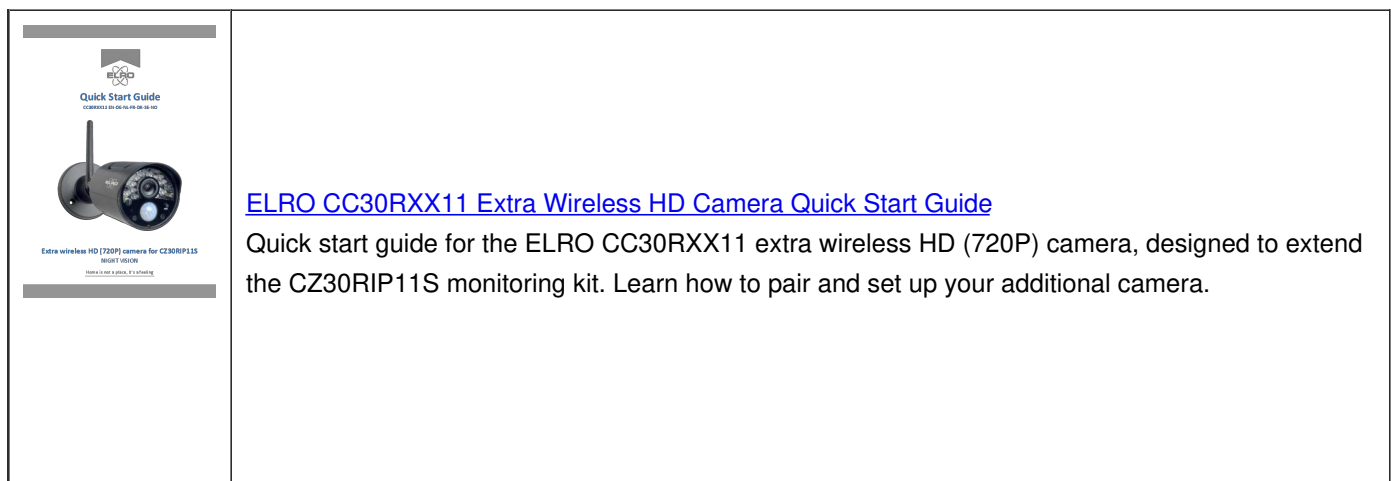
ELRO products are designed for reliability and durability. For warranty information, please refer to the documentation included with your purchase or visit the official ELRO website.

For technical support, troubleshooting assistance, or to inquire about spare parts, please contact ELRO customer service. Contact details can typically be found on the ELRO website or in your product packaging.

Manufacturer: ELRO Europe

Country of Origin: China

	ELRO DV477IP Series IP Video Door Intercom Manual Comprehensive manual for the ELRO DV477IP Series IP Video Door Intercom system, detailing installation, setup, features, and app integration with the ELRO Home Safe app for enhanced home security and communication.
	ELRO DV477W Video Door Intercom System User Manual User manual for the ELRO DV477W Wired Video Door Intercom System, detailing installation, features, and specifications for the 7" monitor and outdoor unit.
	ELRO IP Video Door Intercom DV477IP Series Manual Comprehensive manual for the ELRO IP Video Door Intercom DV477IP Series, covering installation, setup, app pairing, and features. Includes specifications and safety instructions.
	ELRO DV477W Series Video Door Intercom System Manual User manual for the ELRO DV477W Series Video Door Intercom system, featuring a 7-inch monitor. Provides detailed instructions on installation, package contents, system specifications, wiring diagrams, safety precautions, and disposal information.
	ELRO DV4000 Series Video Door Intercom Manual Comprehensive manual for the ELRO DV4000 Series Video Door Intercom system, detailing installation, features, specifications, and safety instructions for models with a 7-inch monitor.



[ELRO CC30RXX11 Extra Wireless HD Camera Quick Start Guide](#)

Quick start guide for the ELRO CC30RXX11 extra wireless HD (720P) camera, designed to extend the CZ30RIP11S monitoring kit. Learn how to pair and set up your additional camera.

Documents - ELRO – DV477IP4

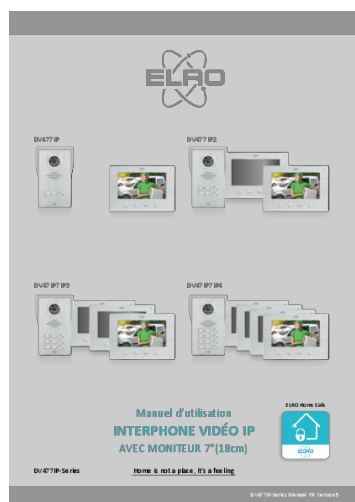


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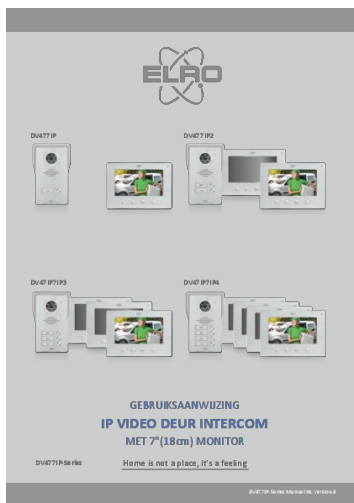
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[ELRO DV477IP Series IP Video Door Intercom Manual](#)

Comprehensive manual for the ELRO DV477IP Series IP Video Door Intercom system, detailing installation, setup, features, and app integration with the ELRO Home Safe app for enhanced home security and communication.

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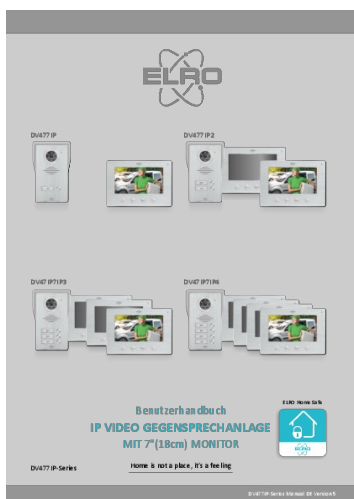
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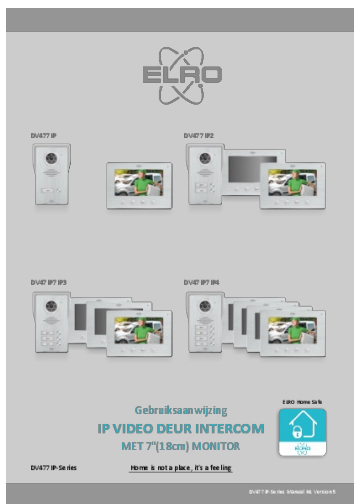


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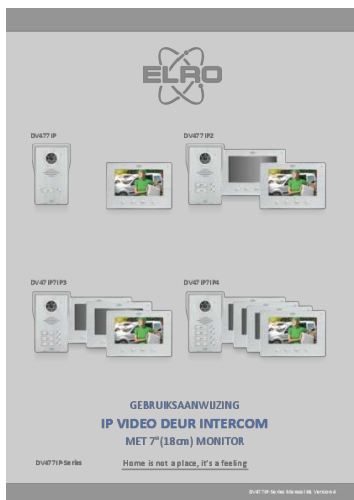


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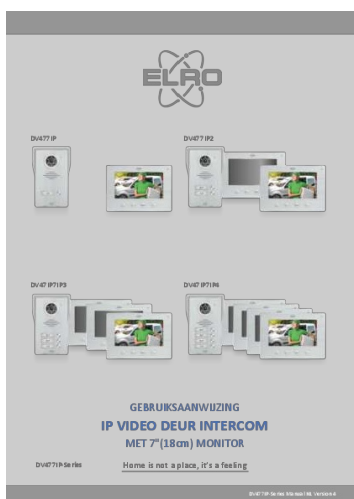


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