



[Manuals.plus](#) /

› [ELUKHT](#) /

› Video Intercom 7 Inch Video Door Phone Doorbell Intercom System for 2/3 Units Apartment (V70MG-660-1V2-lock)

ELUKHT V70MG

ELUKHT Video Intercom System User Manual

Model: V70MG

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ELUKHT 7-inch Video Door Phone Doorbell Intercom System. Designed for 2/3 unit apartments, this system enhances security and convenience by allowing visual and audio communication with visitors before granting access. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

PRODUCT COMPONENTS

The ELUKHT Video Intercom System includes the following main components:

- Outdoor Doorbell Unit with Camera
- Indoor 7-inch LCD Monitors (quantity varies by model, typically 2 or 3 for multi-unit systems)
- Power Supply Control Unit
- Electric Lock and Keys
- RFID Key Fobs/Cards
- Door Exit Button
- Necessary Cables and Mounting Hardware



Figure 1: Overview of ELUKHT Video Intercom System components.

Outdoor Unit Details

The outdoor unit is the primary interface for visitors. It features a camera, speaker, microphone, and calling buttons for individual units, along with an RFID card swiping area for access control.

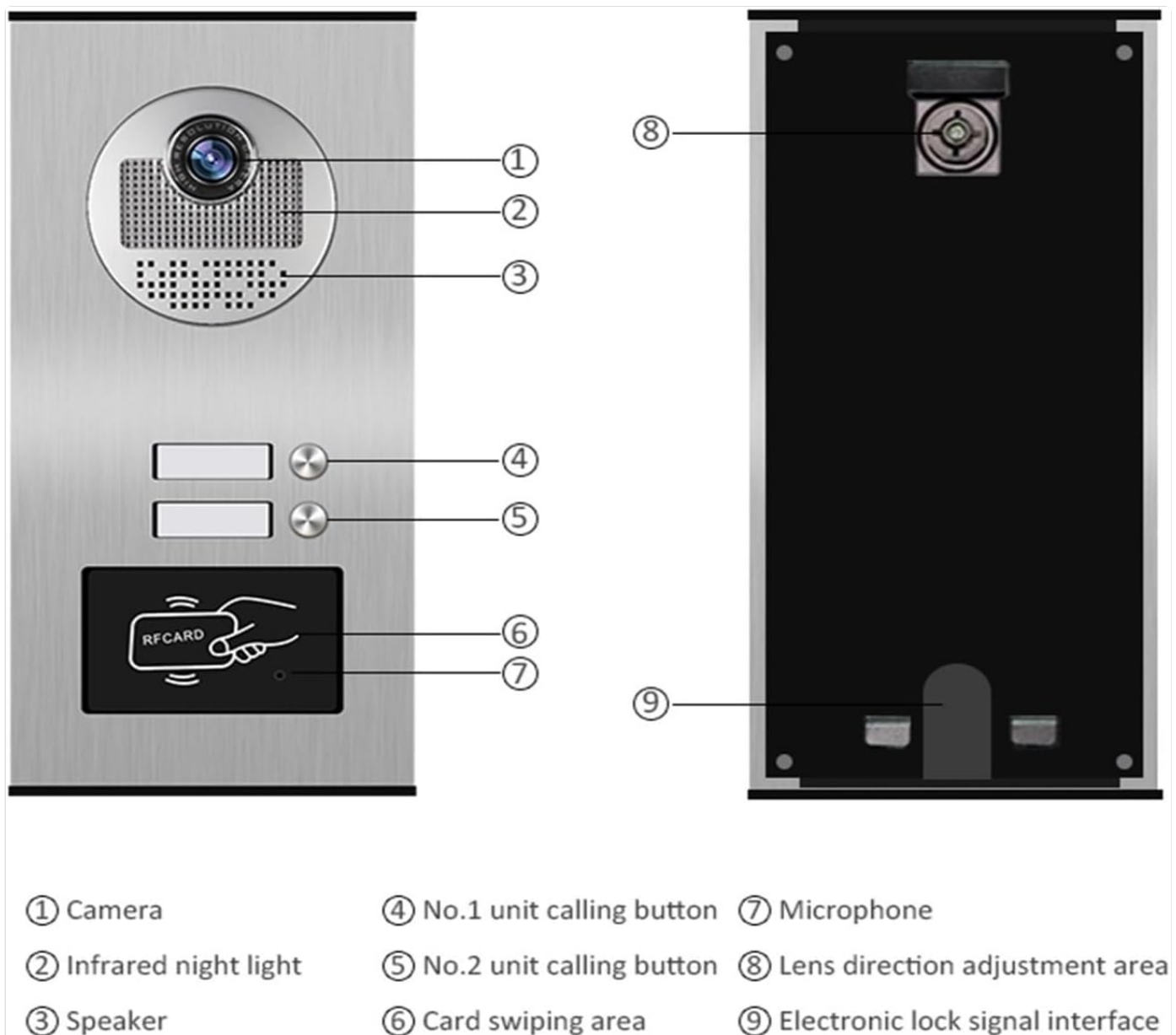


Figure 2: Detailed view of the outdoor unit with labeled components.

1. Camera
2. Infrared night light
3. Speaker
4. No.1 unit calling button
5. No.2 unit calling button
6. Card swiping area
7. Microphone
8. Lens direction adjustment area
9. Electronic lock signal interface

KEY FEATURES

- **Multi-Unit Support:** Designed for 2 or 3 unit apartments, allowing individual calling and communication.
- **7-Inch LCD Display:** Clear visual interface for indoor monitoring and communication.
- **Two-Way Intercom:** Enables seamless audio communication between indoor and outdoor units.

- **Infrared Night Vision:** High-resolution camera with infrared capability for clear viewing in low-light conditions.
- **Access Control:** Supports unlocking via RFID card/key fob or from the indoor monitor.
- **Adjustable Settings:** Volume, brightness, and contrast are adjustable on the indoor monitor.
- **Multiple Doorbell Tones:** 16 selectable doorbell melodies.
- **Durable Design:** Rainproof outdoor unit with a wide operating temperature range (-20°C to 60°C).

SETUP AND INSTALLATION

Environmental Considerations

The outdoor unit is designed with a rainproof cover and is suitable for outdoor installation, operating effectively in temperatures ranging from -20°C to 60°C. Ensure the installation location provides adequate protection from direct heavy rain and extreme weather conditions for optimal longevity.



Figure 3: Rainproof design and operating temperature range of the outdoor unit.

Wiring Diagram

Proper wiring is crucial for the system's functionality. Refer to the diagram below for connecting the outdoor unit, indoor monitors, power supply, and electric lock. It is recommended to have a qualified electrician perform the installation if you are unfamiliar with electrical wiring.

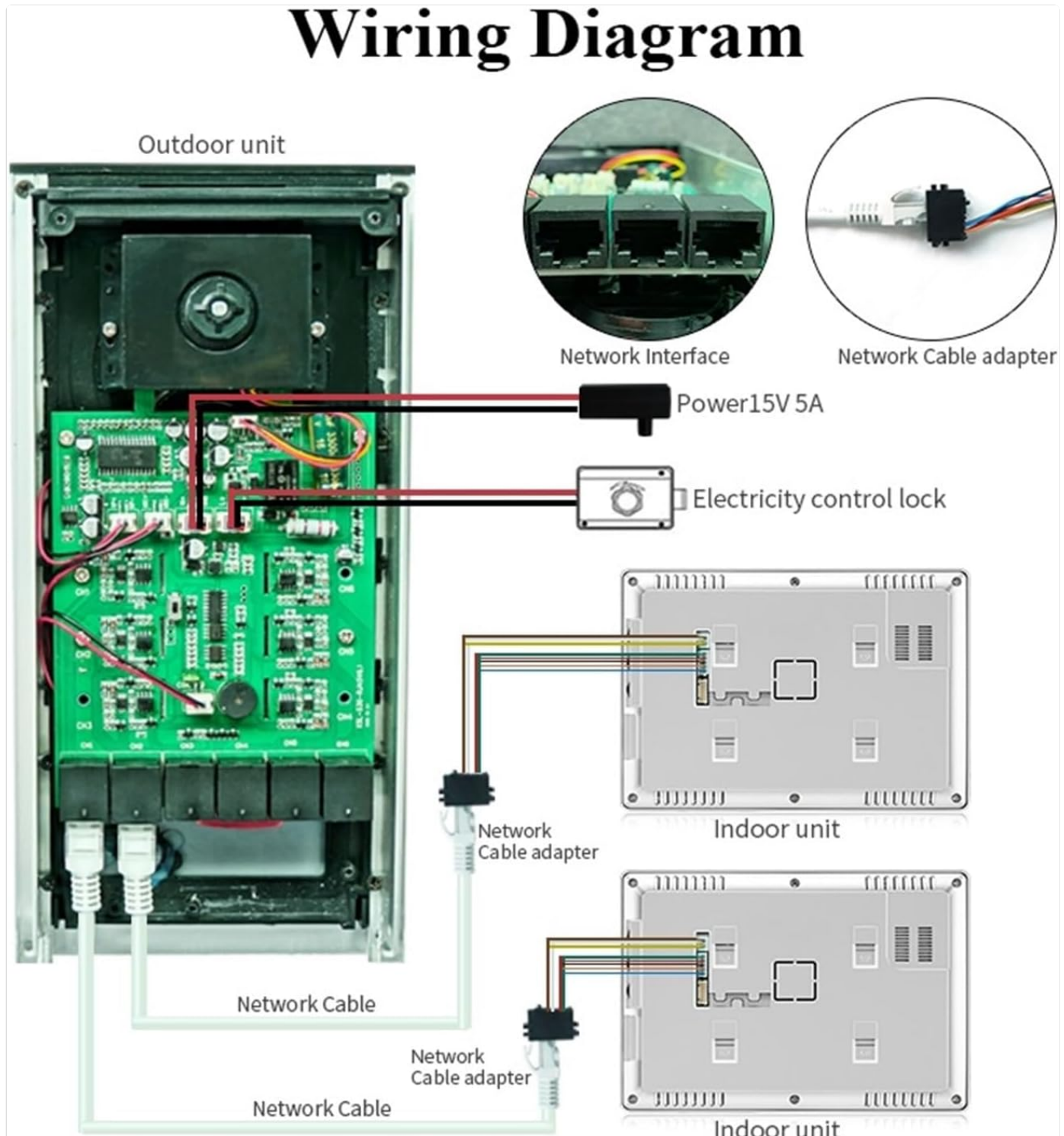


Figure 4: System wiring diagram.

Installation Steps (General)

1. **Mount Outdoor Unit:** Securely mount the outdoor unit at the desired height near the entrance, ensuring the camera has a clear view.
2. **Mount Indoor Monitors:** Install indoor monitors in each apartment unit at a convenient location.

3. **Connect Wiring:** Follow the wiring diagram carefully to connect the outdoor unit, indoor monitors, power supply, and electric lock. Ensure all connections are secure and insulated.
4. **Power On:** Once all connections are verified, connect the power supply to an electrical outlet.
5. **Initial Test:** Test the system by pressing the call button on the outdoor unit and verifying communication and unlocking functions from the indoor monitors.

OPERATING INSTRUCTIONS

Receiving a Call

When a visitor presses a calling button on the outdoor unit, the corresponding indoor monitor will ring and display the visitor's image. To answer the call, press the **Answer** button on the indoor monitor.

Two-Way Intercom

After answering a call, you can speak with the visitor through the built-in microphone and speaker on the indoor monitor. The outdoor unit also has a microphone and speaker for clear communication.

Unlocking the Door

During an active call or while monitoring, press the **Unlock** button on the indoor monitor to remotely open the connected electric lock. The system also supports unlocking via RFID card/key fob by swiping it over the card swiping area on the outdoor unit.

Monitoring

You can manually view the outdoor camera feed at any time by pressing the **Monitor** button on the indoor unit. This allows you to check the area outside your door without a visitor initiating a call.



Figure 5: Indoor monitor displaying a live view.

Adjusting Settings

The indoor monitor allows you to adjust various settings:

- **Volume:** Adjust the ringtone and communication volume.
- **Brightness:** Control the screen brightness.
- **Contrast:** Adjust the screen contrast for optimal viewing.
- **Ringtone Selection:** Choose from 16 different doorbell tones.

Refer to the indoor monitor's on-screen menu for detailed navigation and adjustment procedures.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your intercom system.

- **Cleaning:** Use a soft, damp cloth to clean the surfaces of both indoor and outdoor units. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Camera Lens:** Gently clean the camera lens on the outdoor unit with a microfiber cloth to ensure clear image

quality.

- **Cable Inspection:** Periodically inspect all visible cables for any signs of wear, damage, or loose connections.
- **Software Updates:** Check the manufacturer's website for any available firmware or software updates for your model.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on indoor monitor.	Loose cable connection; Power supply issue; Damaged camera.	Check all wiring connections, especially between outdoor unit and indoor monitor. Verify power supply is connected and functional. If problem persists, contact support.
No sound during intercom.	Volume too low; Microphone/speaker issue; Loose audio cable.	Increase volume on indoor monitor. Check audio cable connections. Ensure nothing is obstructing the microphone or speaker on either unit.
Door lock not opening.	Incorrect wiring to lock; Lock malfunction; Insufficient power.	Verify lock wiring according to the diagram. Test the lock independently if possible. Ensure power supply is adequate for the lock.
RFID card not working.	Card not programmed; Card reader issue; Incorrect card type.	Ensure the RFID card has been properly programmed to the system. Clean the card swiping area. Try a different programmed card.

SPECIFICATIONS

- **Model:** V70MG
- **Brand:** ELUKHT
- **Display:** 7-inch Color LCD
- **Camera:** High-resolution with Infrared Night Vision
- **Operating Temperature:** -20°C to 60°C
- **Outdoor Unit Protection:** Rainproof (IP55 equivalent with cover)
- **Power Supply:** DC 15V 5A (typically)
- **Intercom Type:** Wired Two-Way Audio/Video
- **Access Control:** RFID Card/Key Fob, Remote Unlock from Indoor Monitor
- **Doorbell Tones:** 16 selectable melodies

WARRANTY AND SUPPORT

Warranty Information

This ELUKHT Video Intercom System is covered by a standard manufacturer's warranty against defects in materials and workmanship. The warranty period typically begins from the date of purchase. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation included with your product or contact ELUKHT customer service.

Customer Support

If you encounter any issues or have questions regarding the installation, operation, or maintenance of your ELUKHT

Video Intercom System, please contact ELUKHT customer support. Provide your product model number (V70MG) and a detailed description of the issue for faster assistance.

For the most up-to-date contact information, please visit the official ELUKHT website or refer to the contact details provided on the product packaging.