

Commax CDV-43M

COMMAX CDV-43M Fine View Doorphone Monitor User Manual

Model: CDV-43M | Brand: Commax

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your COMMAX CDV-43M Fine View Doorphone Monitor. Please read this manual thoroughly before installation and use to ensure correct operation and to prevent damage to the device. Keep this manual for future reference.

2. PRODUCT FEATURES

- **4.3-inch TFT LCD Screen:** Provides clear video display for monitoring and communication.
- **Video Talk and Door Lock Release:** Enables two-way video communication and remote door unlocking for both individual and public entrances.
- **System Expandability:** Supports connection of up to 2 monitors, 2 cameras, and 2 interphones for a comprehensive security system.
- **Titanium Metal Design:** Features a rigid and elegant metal finish for enhanced durability and aesthetic appeal.
- **LED Backlights:** Ensures a brighter and clearer screen display.
- **High-Sensitive MIC:** Delivers improved sound quality for clear communication.
- **Blue Light Touch Buttons:** Intuitive and responsive touch controls with captivating blue illumination.
- **PAL/NTSC Convertible:** Compatible with various video signal standards.



Figure 2.1: Front view of the COMMAX CDV-43M Fine View Doorphone Monitor, showcasing its 4.3-inch LCD screen and touch-sensitive control buttons. The monitor features a sleek titanium metal design with a blue panel.

3. INSTALLATION AND SETUP

3.1. Package Contents

Before installation, verify that all components are present:

- COMMAX CDV-43M Monitor
- Mounting Bracket
- Screws and Wall Plugs
- User Manual (this document)
- Power Cable

3.2. Mounting the Monitor

Choose a suitable location indoors, away from direct sunlight, heat sources, and moisture. Ensure the wall is strong enough to support the monitor's weight.

1. Use the mounting bracket as a template to mark the drilling points on the wall.
2. Drill holes and insert wall plugs.
3. Secure the mounting bracket to the wall using the provided screws.
4. Before attaching the monitor, complete all necessary wiring connections.

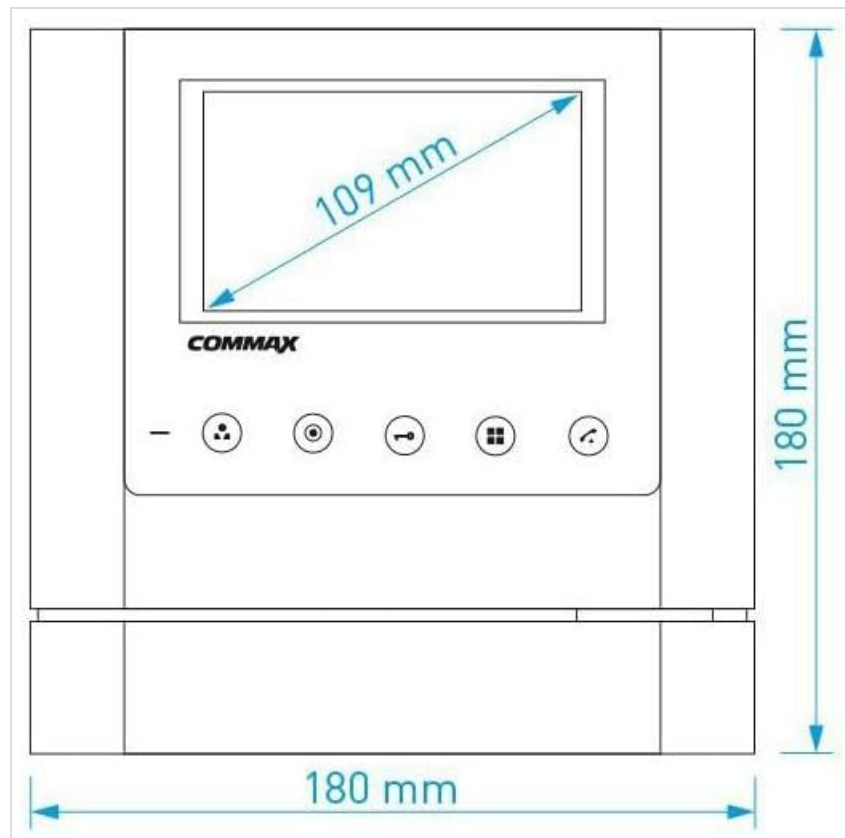


Figure 3.1: Technical drawing illustrating the dimensions of the COMMAX CDV-43M monitor. The diagram shows a width of 180 mm and a height of 180 mm, with the 4.3-inch LCD screen measuring 109 mm diagonally.

3.3. Wiring Connections

Ensure power is disconnected before making any wiring connections. Refer to the wiring diagram for proper connection of cameras, interphones, and power.

1. Connect the outdoor camera unit(s) to the designated camera input ports on the monitor.
2. If using interphones, connect them to the interphone ports.
3. For multi-unit installations, an MD-KAM4 distributor may be required (as shown in Figure 3.2).
4. Connect the AC power cable (AC 100V-240V) to the monitor and then to a power outlet.
5. Carefully attach the monitor to the mounted bracket.

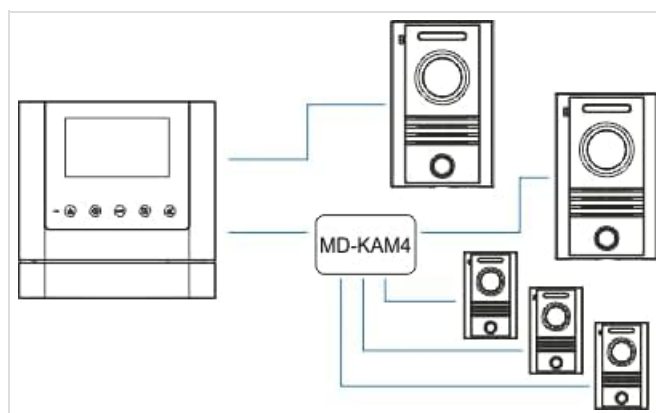


Figure 3.2: Schematic diagram demonstrating the connection of the COMMAX CDV-43M monitor to multiple door cameras and interphones via an MD-KAM4 distributor. This illustrates a typical multi-unit installation setup.

4. OPERATING INSTRUCTIONS

4.1. Basic Operation

- **Power On/Off:** The monitor powers on automatically when connected to power. There is no dedicated power button.
- **Answering a Call:** When a visitor presses the call button on the outdoor unit, the monitor will ring and display the visitor's image. Press the **Answer** button (typically a phone icon) to initiate video talk.
- **Monitoring:** Press the **Monitor** button (typically an eye or camera icon) to view the outdoor camera feed without a call.
- **Door Lock Release:** During a call or while monitoring, press the **Door Lock** button (typically a key icon) to remotely unlock the connected door.
- **Interphone Communication:** If interphones are connected, press the **Interphone** button (if available) to communicate with other indoor units.

4.2. Touch Button Functions

The monitor features blue light touch buttons for various functions. Refer to the icons on the monitor for specific actions:

- **Person Icon:** Likely for visitor call or general settings.
- **Circle Icon:** Could be for monitoring or menu access.
- **Key Icon:** For door lock release.
- **Grid/Square Icon:** Potentially for multi-camera view or system settings.
- **Phone Icon:** For answering calls or initiating communication.

5. MAINTENANCE

5.1. Cleaning

To maintain the monitor's appearance and functionality:

- Wipe the screen and body with a soft, dry, lint-free cloth.
- For stubborn marks, lightly dampen the cloth with water. Avoid using harsh chemicals, abrasive cleaners, or solvents.
- Ensure no liquid enters the device.

5.2. General Care

- Avoid exposing the monitor to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the unit yourself. Refer to qualified service personnel.
- Keep the monitor away from strong magnetic fields.

6. TROUBLESHOOTING

If you encounter issues with your COMMAX CDV-43M monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	No power; Camera not connected; Faulty camera/cable.	Check power connection; Verify camera wiring; Test with another camera if possible.

Problem	Possible Cause	Solution
No audio during call	Microphone/speaker issue; Wiring problem.	Check wiring connections; Ensure microphone/speaker are not obstructed.
Door lock not releasing	Door lock not connected; Faulty lock mechanism; Wiring issue.	Verify door lock wiring; Check the door lock's functionality independently.
Monitor not responding to touch	Temporary software glitch; Dirty screen.	Disconnect and reconnect power; Clean the screen surface.

If the problem persists after attempting these solutions, please contact Commax customer support or a qualified technician.

7. SPECIFICATIONS






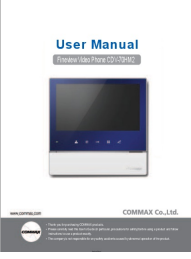
Feature	Specification
Model	CDV-43M
Display Size	4.3 inches TFT LCD
Power Supply	AC 100V-240V
Control Type	Touch Button
Video System	PAL/NTSC Convertible
Supported Devices	2 Monitors, 2 Cameras, 2 Interphones
Item Weight	760 g
Package Dimensions	30.2 x 25.4 x 7.2 cm
Light Source Type	LED
Frame Rate	30 frames per second
Wattage	5 watts

8. WARRANTY AND SUPPORT

The COMMAX CDV-43M Fine View Doorphone Monitor is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty period and coverage details. For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Commax customer support through their official website or authorized service centers.

For additional support and product information, visit the official [Commax website](#).

Related Documents - CDV-43M

	<p>How to Use the Commax CDV-70QT Video Door Phone: A Simple Manual</p> <p>A concise guide on connecting and using the Commax CDV-70QT video door phone with your smartphone, including features like visitor calls, motion detection, and security settings.</p>
	<p>COMMAX CDV-70H / CDV-70H2 Color Monitor Installation and Operation Manual</p> <p>Comprehensive guide for the COMMAX CDV-70H and CDV-70H2 color video intercom monitor, covering installation, wiring, operation, and technical specifications.</p>
	<p>COMMAX CDV-70K User Manual: Color Video Door Phone</p> <p>Comprehensive user manual for the COMMAX CDV-70K Color Video Door Phone, covering installation, operation, settings, safety precautions, and specifications.</p>
	<p>Katalog Produktów COMMAX: Wideodomofony, Domofony, Interkomy i Akcesoria</p> <p>Odkryj pełną gamę produktów COMMAX, w tym wideodomofony, domofony, interkomy i akcesoria. Poznaj innowacyjne rozwiązania SmartHome & Security.</p>
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	<p>COMMAX CDV-70HM2 Fineview Video Phone User Manual</p> <p>Comprehensive user manual for the COMMAX CDV-70HM2 Fineview Video Phone, covering installation, operation, specifications, and safety guidelines.</p>