EMOS IP-750B

EMOS GoSmart IP-750B Smart Home Additional Monitor User Manual

Model: IP-750B (H4021)

1. INTRODUCTION

The EMOS GoSmart IP-750B is an additional monitor designed to expand your existing EMOS H4020 (IP-750A) video intercom system. This 7-inch LCD touchscreen monitor provides Full HD 1080p image quality, enhancing communication and surveillance at your entrance. It integrates seamlessly with Smart Home systems via Wi-Fi, offering features such as snapshot capture, video recording, two-way audio, and door/gate control. This monitor is intended for indoor use.

2. SETUP AND INSTALLATION

2.1 Package Contents

- 1 x EMOS GoSmart IP-750B Additional Monitor

2.2 System Compatibility

This monitor is an accessory for the EMOS H4020 (IP-750A) intercom base kit. The base kit typically includes a 7-inch wall-mounted display and a night vision door camera. You can add up to 6 additional IP-750B (H4021) monitors to the base kit.
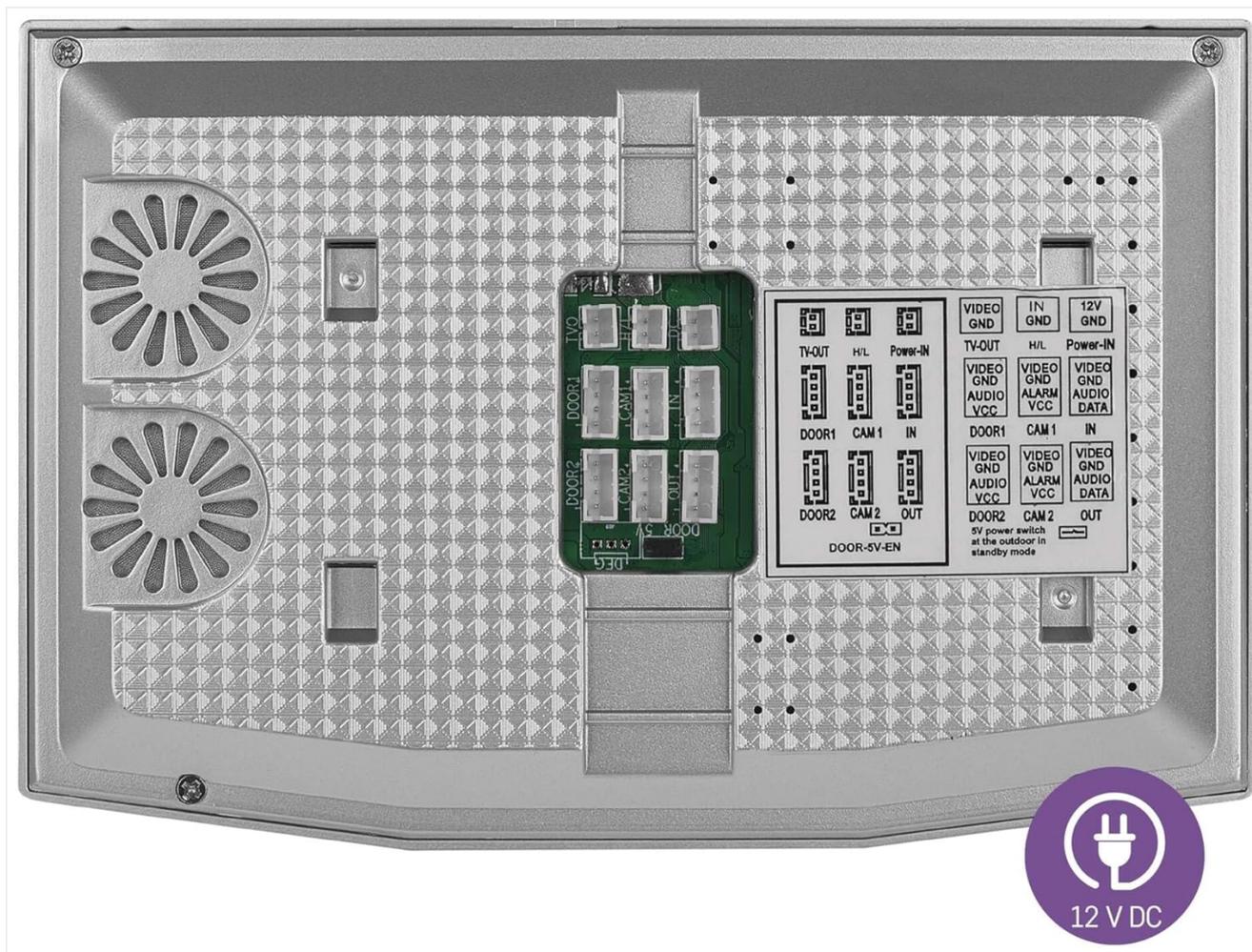
2.3 Physical Installation

The monitor is designed for wall mounting. Ensure you select a suitable indoor location with access to a 12V DC power supply and a stable Wi-Fi signal.

Figure 1: EMOS GoSmart IP-750B monitor mounted on a wall, displaying its front view and side profile with dimensions (175mm width, 118mm height, 25mm depth).

2.4 Wiring Connections

Refer to the diagram on the back of the monitor for proper wiring. The monitor requires a 12V DC power input. Connect the necessary cables for video, audio, and door control as per your system's requirements. Ensure all connections are secure before powering on the device.

Figure 2: Back panel of the EMOS GoSmart IP-750B monitor, illustrating the wiring ports for power (12V DC), video input/output, audio, and door/gate control connections.

2.5 Wi-Fi Connectivity

After physical installation, connect the monitor to your home Wi-Fi network. This enables integration with the EMOS GoSmart app and other Smart Home platforms. Follow the on-screen prompts on the touchscreen to configure Wi-Fi settings.

3. OPERATING INSTRUCTIONS

3.1 Touchscreen Interface

The monitor features a 7-inch LCD touchscreen for intuitive control. Navigate through menus and access functions by tapping the corresponding icons.

SMARTER MONITOR

EMOS®
A brand of **legrand®**

Zusatz-Monitor
Full HD
Hochwertiger 7'' LCD-Monitor mit 1080p Auflösung

Intercom-Funktion
(Monitor intercom)

Gegensprechfunktion
(2 way audio)

Tür-/Torsteuerung
(Door/Gate control)

Touchscreen
(Touch screen)

Figure 3: The EMOS GoSmart IP-750B monitor's touchscreen interface, highlighting key functions such as intercom, two-way audio, door/gate control, and general touchscreen operation.

3.2 Core Functions

- **Intercom Function:** Make private calls between multiple connected display units within your system.
- **Two-Way Audio:** Communicate with visitors at your door via the monitor.
- **Door/Gate Control:** Remotely open compatible electric door openers or gates directly from the monitor.
- **Snapshot and Recording:** Capture photos and record videos of visitors. These can be saved to an SD card (not included) or to cloud storage.
- **Motion Detection:** The system can detect motion at the door camera and trigger recordings or notifications.
- **Answering Machine Function:** Records messages when you are away, informing you when the doorbell rang.
- **Night Vision:** The connected door camera provides clear images even in low-light conditions.

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Erweitern & personalisieren Sie Ihr Türsprechanlage-Set

Ergänzen Sie Ihre Gegensprechanlage von EMOS um bis zu 5 Monitore und verbinden Sie weitere Überwachungskameras

Video-Türsprechanlage Set

Monitor

Nachtsicht

Aufzeichnung & Speicherung

2,4 GHZ Betriebsfrequenz

Echtzeit-Benachrichtigungen über die App

Figure 4: The EMOS GoSmart IP-750B monitor highlighting features such as night vision (from the connected camera), recording capabilities, 2.4 GHz Wi-Fi frequency, and real-time notifications. It also shows the complete system including the base kit and additional monitor.
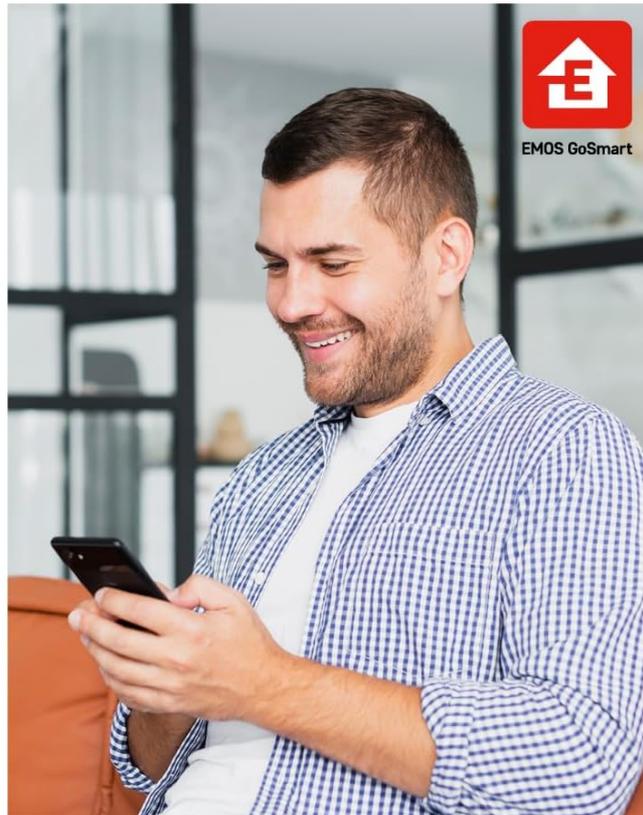
3.3 EMOS GoSmart App Integration

Monitor your home remotely using the EMOS GoSmart app on your mobile device. The app allows you to receive real-time notifications, view live video feeds, and manage compatible devices from anywhere.

SMARTER MONITOR

Überwachen Sie Ihr Zuhause
mit der EMOS GoSmart App auf Ihrem Handy

Figure 5: A user interacting with the EMOS GoSmart mobile application, demonstrating its capability to display live video from the intercom system and manage smart home functions.

4. MAINTENANCE

4.1 Cleaning

To clean the monitor, gently wipe the screen and casing with a soft, dry, or slightly damp cloth. Avoid using abrasive cleaners, solvents, or aerosol sprays, as these can damage the surface.

4.2 Connection Checks

Periodically check all wired connections at the back of the monitor to ensure they are secure. Ensure your Wi-Fi network is stable for optimal performance.

5. TROUBLESHOOTING

5.1 No Power

- Verify that the 12V DC power adapter is correctly connected to the monitor and a working power outlet.
- Check the power cable for any damage.

5.2 No Video/Audio

- Ensure all video and audio cables between the monitor and the base unit/door camera are securely connected.
- Confirm that the base unit and door camera are powered on and functioning correctly.

5.3 Wi-Fi Connection Issues

- Check if your Wi-Fi router is working and within range.
- Restart the monitor and your Wi-Fi router.
- Ensure the Wi-Fi password entered is correct.

5.4 Intercom Not Working

- Ensure all connected monitors are properly registered with the main system.
- Check the network connection between the monitors.

For further assistance, refer to the complete manual for your EMOS H4020 (IP-750A) base kit or contact EMOS customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	EMOS
Model Name	IP-750B
Item Model Number	H4021
Product Dimensions (L x W x H)	17.5 x 2.5 x 2.5 cm
Item Weight	640 grams
Display Size	7 inches (LCD Touchscreen)
Video Recording Resolution	1080p Full HD
Connectivity Protocol	Wi-Fi (2.4 GHz)
Special Features	Smart, Night Vision (via connected camera), Anti-vandalism (via connected camera)
Indoor/Outdoor Use	Indoor
Power Requirement	12V DC
Battery Required	No
Color	Grey/Black
Included Components	1 monitor

7. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official EMOS website. Details regarding specific warranty periods and service procedures can be obtained from your point of purchase or the manufacturer.