

HmIP-COR

# Outdoor Camera, rechargeable



Installation instructions and  
operating manual

homematic 

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Version 1.3

## 1 Package contents

1x Outdoor Camera, rechargeable  
Mounting accessories  
1x USB-C/USB-A cable, length:0.5 m  
Operating manual

## 2 Information about this manual

Read this manual carefully before beginning operation with your Homematic IP device. Keep the manual for later consultation. If you hand the device over to other persons for use, please ask them to read this manual.

### Symbols used



This indicates a hazard.



This section contains important additional information.

## 3 Hazard information



We accept no liability for damage caused by use for other than the intended purpose, incorrect handling or failure to observe the hazard warnings. In such cases, all warranty claims are void. We accept no liability for consequential damage.



Do not use the device if it has visible damage or a malfunction. If you have any doubts, have the device checked by a qualified expert.



For safety and licensing reasons (CE), unauthorised conversions to and/or modification of the device are not permitted.



The device is not a toy – do not allow children to play with it.



Plastic film, plastic bags, polystyrene parts, etc. can be dangerous for children. Keep the packaging material out of the reach of children and dispose of it immediately.



Clean the device using a soft and dry lint-free cloth. The cloth can be slightly moistened with lukewarm water to remove more stubborn marks. Do not use solvent-based cleaning agents for cleaning, as these can damage plastic parts and labelling.

## 4 General system information

This device forms part of the Homematic IP Smart Home system and communicates via the Homematic IP radio protocol. All devices of the system can be configured comfortably and individually using the Homematic IP app. Operation requires connection to a Homematic IP Access Point or control unit. Further information on the system and on combination with other Homematic IP devices can be found in the Homematic IP [User guide](#).

All technical documents and updates are to be found at [www.homematic-ip.com](http://www.homematic-ip.com).

## 5 Function and device overview

The outdoor camera, rechargeable enables reliable video surveillance outdoors. Live video and audio streams can be called up at any time via the Homematic IP app. Intelligent motion detection automatically detects relevant events and reports them via push notification. Thanks to battery operation, flexible outdoor installation is possible.

The device supports the following functions:

- **Mirror video:** Adjusts the image orientation so that the video is displayed correctly regardless of the mounting position.
- **Colour view for motion detection:** Activates a white LED light when motion is detected, so that images are recorded in full colour even in the dark.
- **Intelligent detection of persons:** Detects human outlines in the field

of vision and sends push notifications to the residents.

- **Intelligent motion detection:** Detects movement in the field of view and sends push notifications to users.
- **Recording function:** Can record around the clock and saves data either permanently on an SD card or as short event clips in the cloud.
- **Day and night operation:** Utilises night vision technology to provide clear and detailed images even in the dark.
- **Detection of persons (AI-powered):** Enable or disable notifications triggered by people.

### Device overview

- A) Lens
- B) Microphone
- C) Status LED
- D) Fill light
- E) Charge status indicator
- F) Infrared light
- G) PIR sensor (motion detection)
- H) Loudspeaker
- I) Magnet for wall mount A
- J) Power supply (ON/OFF)
- K) Micro SD card slot
- L) USB-C interface
- M) Reset button
- N) Screw fixture for wall mount B

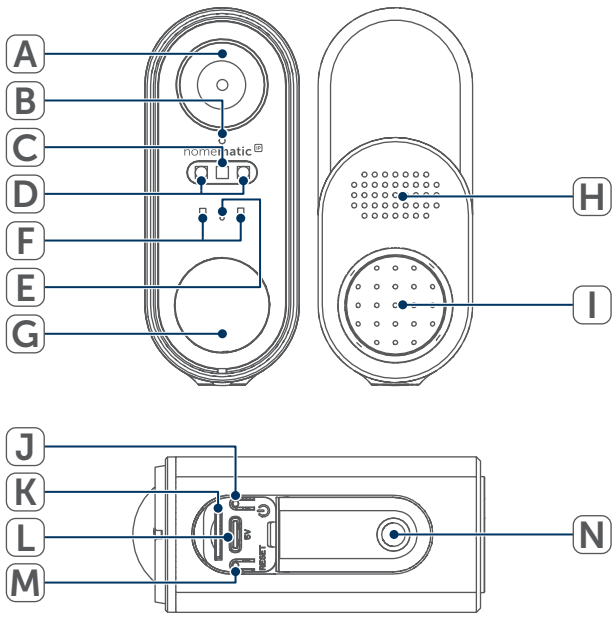


Figure 1

- O) USB-C charging cable
- P) Wall mount A (magnetic)
- Q) Wall mount B (screw mounting)

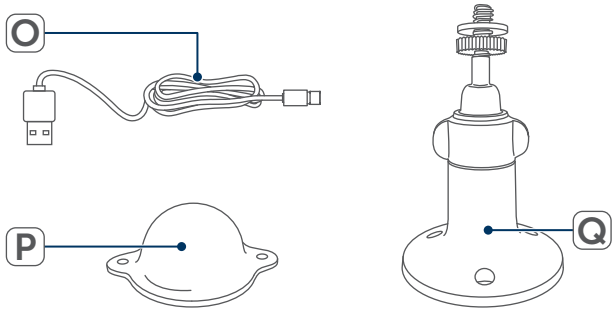


Figure 2

**i** Cloud operation by third-party manufacturers: the audio/video files are forwarded to the Homematic IP system over cloud servers in Germany. The maximum video length is 6 seconds per clip. All clips are overwritten after 7 days at the latest. Please observe the legal requirements concerning the use of surveillance cameras. Further information can be found in the Homematic IP app EULA and privacy policy.

**i** Cameras that are in deep sleep mode take a little longer to start an event-controlled recording.

## 6 Start-up

### 6.1 Installation



**i** Position the camera as far as possible within the recommended WiFi range of your router. Long distances or multiple structural obstacles can impair the signal quality. Avoid sources of interference.

- Choose a suitable installation location.

**!** When selecting an installation location and drilling in the vicinity of switches or plug sockets, check for electric cables or other utility lines.

**!** Use only the original power supply unit supplied to power the device.

**!** The camera is designed for outdoor use, but the power supply is not. Protect all internal connections against moisture.

-  Use suitable cable glands and seals to prevent the ingress of water.
-  Charge the battery with a 5 V DC charger. Recommended ambient temperature: 15–30°C.
- Make sure that the camera battery is charged.

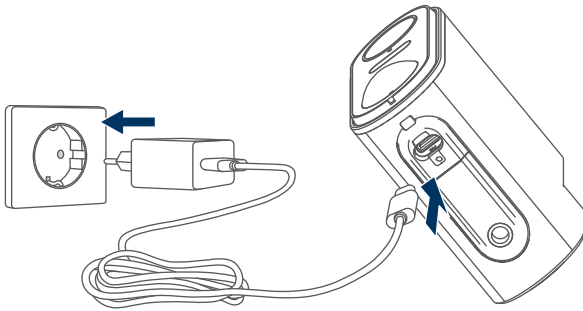



Figure 3

### Wall installation with magnetic mount

- Attach the mount to the wall using the screws supplied.
  - Place the camera on the wall mount with the magnet.
-  When installed with a magnetic mount, the camera can be freely rotated and flexibly aligned.

- Screw the camera onto the screw of the wall mount.
- Tighten the screw thread firmly after you have adjusted the angle of the device.

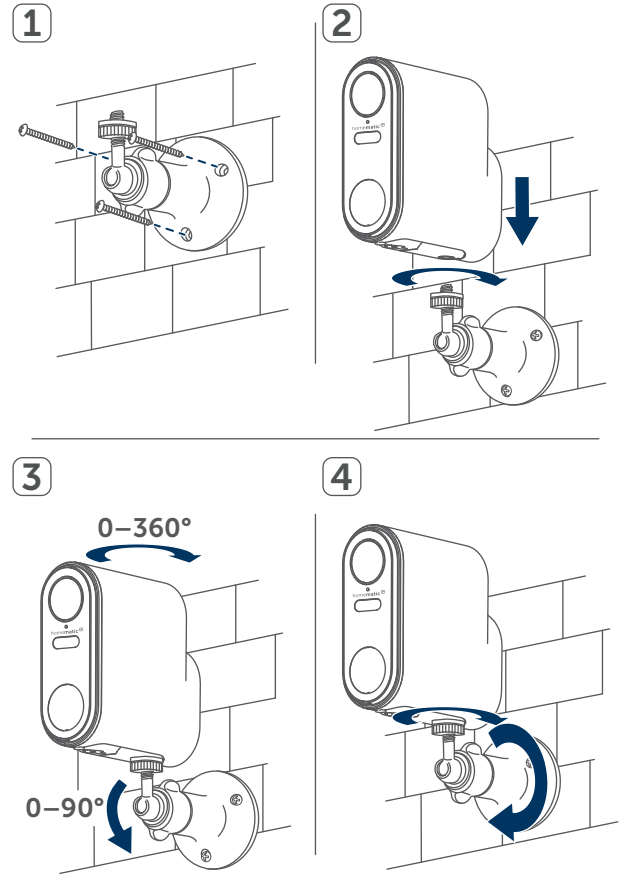


Figure 5

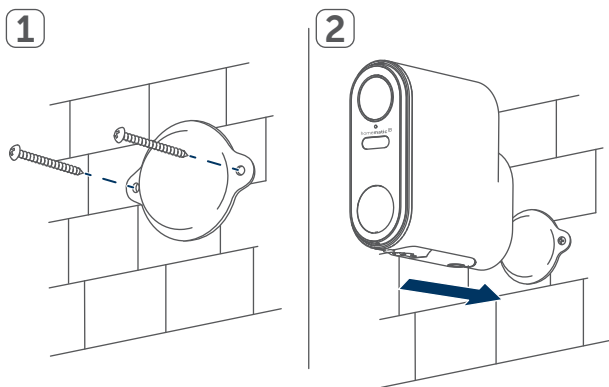



Figure 4


### Wall installation with screws

- Attach the mount to the wall using the screws supplied.


- Tilt or pan the camera until the viewing area is covered.
- After pairing with the Homematic IP app, check that the live image is displayed correctly. Make further adjustments, if necessary.

### 6.2 Pairing with a control unit

-  Read this entire section before starting the pairing procedure.

 Set up your Homematic IP control unit via the Homematic IP app so that you can use Homematic IP devices in the system. Detailed information on this is to be found in the operating manual for the control unit.

- Open the Homematic IP app.
- Tap on **...More** in the homescreen.
- Tap on **Pair device**.
- Wait until the camera has been initialised.
- Tap **Scan QR code** and scan the enclosed QR code. (The device does not appear automatically in the Homematic IP app.)
- Connect the camera to your WiFi network. Select a 2.4 GHz WiFi network and enter the corresponding password.

 The camera only supports 2.4 GHz WiFi networks. Set the router parameters correctly before connecting the camera to the 2.4 GHz WiFi network.

- Point the camera at the QR code displayed in the app.
- An acoustic signal sounds as soon as the QR code has been successfully scanned.
- The device is now ready for use. The camera LED has a steady blue light.
- Then follow the instructions in the Homematic IP app to make further settings.

## 7 Operation

If you have paired the device with a Homematic IP control unit, additional configurations are available in the device

settings. You can make the necessary adjustments directly in the Homematic IP App:

### 7.1 Adjusting device settings

- **Alarm management:** Configure how the camera should react to security-relevant events and which notifications are sent.
- **Alarm notifications:** Enable or disable alarm notifications sent to your smartphone or tablet when movements are detected.
- **Motion detection:** Enable motion detection and set the relevant parameters.
  - **Motion alarms:** Enable or disable automatic video recording when movements are detected.
  - **Detection sensitivity:** Define how sensitively the camera should react to movements.
  - **Detection of persons (AI-powered):** Enable or disable notifications triggered by people.
  - **Recording time:** Duration of the recording after an alarm
  - **Alarm interval:** Defines the minimum time between two alarms

#### Video settings:

- **Flip the camera image**
- **Day/night mode:** Automatically adjusts the camera to bright daylight or dark environments

#### Audio settings:

- Microphone on/off
- Audio recording
- Loudspeaker volume

- **Recording management:** Make the settings for the storage location of your recordings.
  - Storage location: SD card and/or cloud
  - Recording mode: in response to events or continuously (continuous only when using an SD card)
  - SD card information
- **General settings:** Make general settings here (e.g. LED, time format).
- **WiFi access data:** If the WiFi access data change, the camera must be reset and then paired again. Follow the instructions in the app or in section [\*Restoring the factory settings\*](#).

## 7.2 Operation of the camera

The camera is operated in the Homematic IP app either via the room to which the camera is assigned or via the alarm system.

You can access the alarm system from the app home screen by tapping the Alarm icon.

## 8 Troubleshooting

### 8.1 Flashing codes

Flashing code	Meaning	Solution
Slow red flashing	Waiting for network connection	You can continue once the network connection has been established.
Fast red flashing	Connecting to network	You can continue once the network connection has been established.
Steady blue light	Camera is working correctly	
Steady red light	Error detected Possible errors: <ul style="list-style-type: none"> <li>• Camera starting</li> <li>• Camera has a malfunction</li> </ul>	Wait a moment until the camera has started. Please see the display on your app or contact your retailer.

## 9 Restoring the factory settings



The factory settings of the device can be restored. Resetting the device to the factory settings deletes the WiFi data. The WiFi settings then have to be made again via the app. The device can then be added again. If the device has not been paired with a Central Control Unit, all the settings are lost.

Proceed as follows to restore the factory settings of the device:

- Press and hold the reset button for 5 seconds.
- The network settings are reset.

The device has been reset to the factory settings. The camera can be paired again.

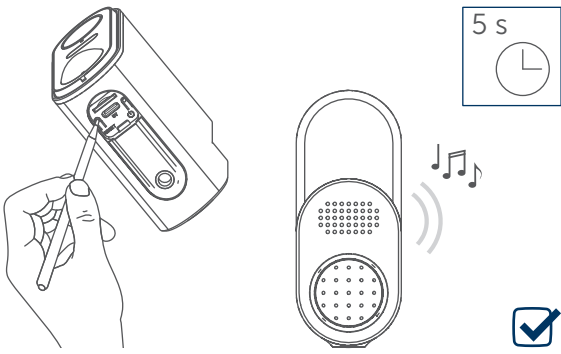




Figure 6


## 10 Maintenance and cleaning

-  The device is maintenance-free for you. Leave any maintenance or repair to a specialist.

Clean the device using a soft, clean, dry and lint-free cloth. The cloth can be slightly dampened with lukewarm water to remove more stubborn marks. Do not use any detergents containing solvents for cleaning purposes. They could corrode the plastic housing and label.

## 11 Disposal

-  The CE mark is a free trademark that is intended exclusively for the authorities and does not imply any assurance or guarantee of properties.

-  If you have any technical questions about the appliance, please contact your specialist dealer.

## 12 Technical specifications

Device short designation	HmIP-COR
Supply voltage	5 V DC (SELV)
Supply voltage plug-in mains adapter (input)	100 V – 240 VAC / 50 Hz
Current consumption	1,000 mA max.
Current consumption in standby	800 µA
Power consumption during operation	350 mA
Power consumption plug-in mains adapter	2.5 W
Nominal capacity of the battery	5200 mAh
Operating time in standby mode	Up to 6 months
PIR sensor detection range	110°, up to 10 m
2-way audio	Half duplex
Resolution	3 MP
Image sensor	1/2.8" 3 Megapixel CMOS
Bit rate	32 Kbps - 2 Mbps
Effective pixels	2304 (H) × 1296 (V)
Frame rate	1-25 fps
Lens	3.2 mm @ F2.0, 110°/60°/130°
Min. brightness	Colour: 0.1 lux @ F2.0, Black/white: 0.01 lux @ F2.0
Local and cloud storage	256 GB, 6 s (event)
WLAN frequencies	2,412 – 2,472 MHz (max. power <20 dBm), 5150 – 5725 MHz (max. power <23 dBm)
WLAN security	128 bit WPA/WPA2/WPA3, WPA-PSK, WPA2-PSK, WPA3-PSK
Degree of protection	IP65
Supported memory cards	FAT32 file system-formatted micro SD/ micro SDHC memory card
Micro SD card slot up to max. (FAT32 format)	256 GB/s
Ambient temperature	-20 to +50°C
Dimensions (W × H × D)	38 × 93 × 79 mm
Weight	225 g

**Subject to modifications.**

# Free download of the Homematic IP app!



Bevollmächtigter des Herstellers:  
Manufacturer's authorised representative:

**eQ-3**

eQ-3 AG  
Maiburger Straße 29  
26789 Leer / GERMANY  
[www.eQ-3.de](http://www.eQ-3.de)