

H4058



GoSmart IP outdoor camera 4G LTE IP-6000 OWL



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Safety instructions and warnings



Before using the device, read the instructions for use.



Observe the safety instructions in this manual.

EMOS spol. s r.o. declares that the product H4058 complies with the essential requirements and other relevant provisions of the directives. The equipment can be operated freely in the EU.

The Declaration of Conformity can be found on the website <http://www.emos.eu/download>.

The equipment can be operated on the basis of general authorisation No. VO-R/10/07.2021-8 as amended.

Contents of the package

Camera Solar
panel USB
cable Bracket
Screws
Manual





Technical Specifications

Power: Li-ion battery 10 400 mAh + solar panel +

DC adapter 5 V/1 A

Resolution: 2048x1536 Sensor:

3 Megapixel AHD

IR distance: night vision up to 10 m Night

vision: 4x IR LED + white LED

Storage: SD card (max. 128 GB), Cloud storage,
NVR

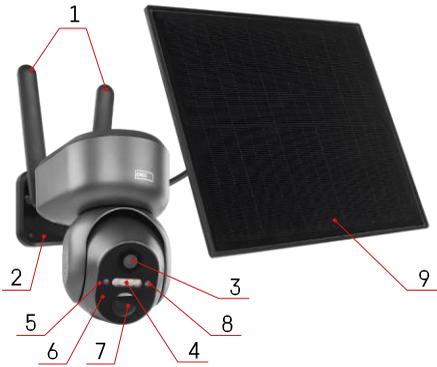
APP: EMOS GoSmart for Android and iOS

Connectivity: 4G / LTE

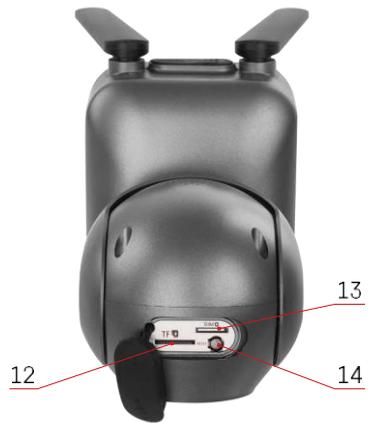
IP protection: IP65

Operating temperature: from -20 °C to 50 °C

Description of the device



- 1 - Antennas
- 2 - Camera holder
- 3 - Lens
- 4 - White and IR illumination
- 5 - Status LED
- 6 - Microphone
- 7 - PIR sensor (motion sensor)
- 8 - Light sensor
- 9 - Solar panel
- 10 - Solar panel holder
- 11 - Cable connecting the camera and solar panel
- 12 - SD card slot
- 13 - SIM card slot
- 14 - Reset button
- 15 - ON/OFF switch
- 16 - USB-C connector for power



Installation and assembly

Before installation, make sure the area is covered by a 4G/LTE signal. Currently, most providers offer an interactive map showing 4G coverage in specific countries and regions. However, we recommend personally testing the signal at the installation site to make sure the signal is strong. For the most reliable results, the signal should be at least 80% strong.

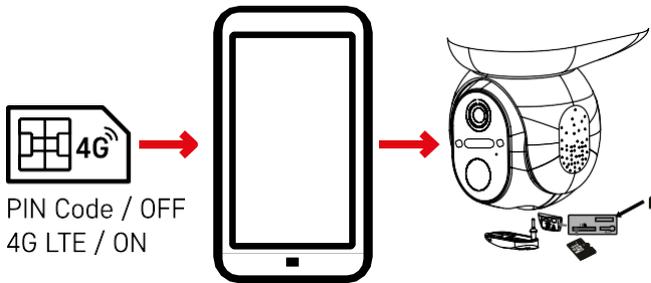
Many factors can affect signal strength. Generally, the materials surrounding the camera have the greatest effect on performance. Below are the materials that can cause the greatest signal loss. If these materials are in close proximity to the camera and in the direction of the transmitter, you may experience some interference and a decrease in signal quality.

Material	dB loss
Leaves	-3 to -20
Plasterboard	-2
Fibreglass insulation	-2
Clear glass	-4
Plywood	-4 to -6
Solid wood	-5 to -12
Plaster	-8 to -16
Brick and stone	-8 to -28
Concrete and Cement (6 inches)	-10 to -20
Tinted and low-emission glass	-24 to -40
Metal	-32 to -50

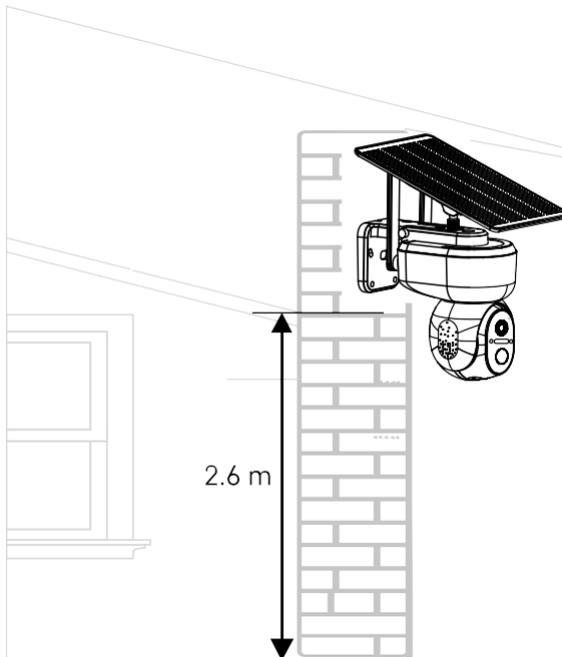
*dB represents the gain or loss of mobile signal strength. Every -3 dB (loss) reduces the power by half.

Natural obstructions often cause problems with mobile signal, for example, trees can significantly block the signal. Similarly, mountains, hills and valleys can affect your signal. Mobile signals have a hard time getting through these natural obstacles, as well as through building materials. If you live on one side of a mountain and your transmitter is on the other, you're likely to experience a weaker signal.

Camera installation



Before installing the camera in the holder, you must insert the SIM card into the camera. The SIM card must have the 4G/LTE function enabled and the PIN code disabled.



1. Place the camera mount in the preferred location. We recommend placing the camera at least 2.6 meters high to prevent any intruders from tampering with the camera.
2. Secure the bracket with the screws provided. When mounting the camera on special surfaces, use the screws designed for that type of surface.

Always make sure that the camera is securely mounted and will not be affected by weather conditions.

Installation options



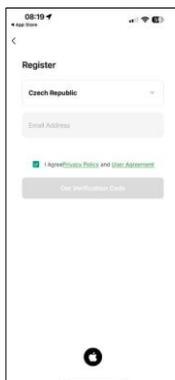
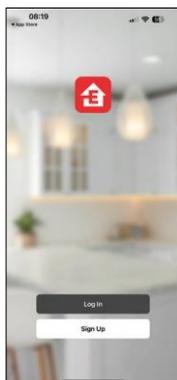
Pairing with an app

Installing the EMOS GoSmart app



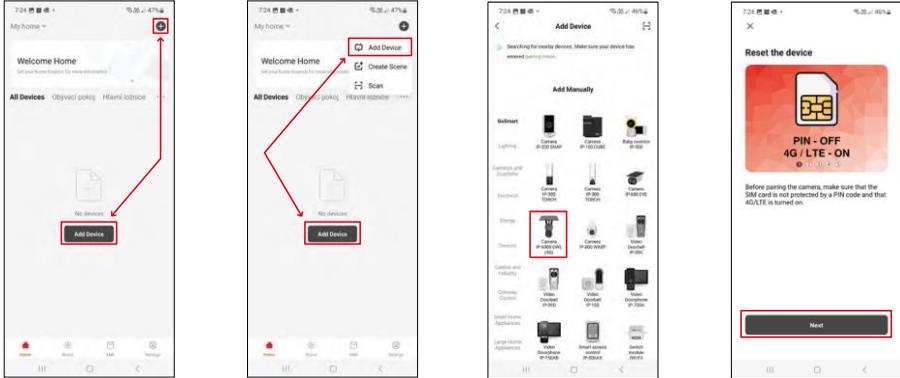
The app is available for Android and iOS via Google play and the App Store. Please scan the QR code to download the app.

EMOS GoSmart mobile app



Open the EMOS GoSmart app and confirm the privacy policy and click I agree. Select the registration option. Enter the name of a valid email address and choose a password. Confirm your consent to the privacy policy. Select register.

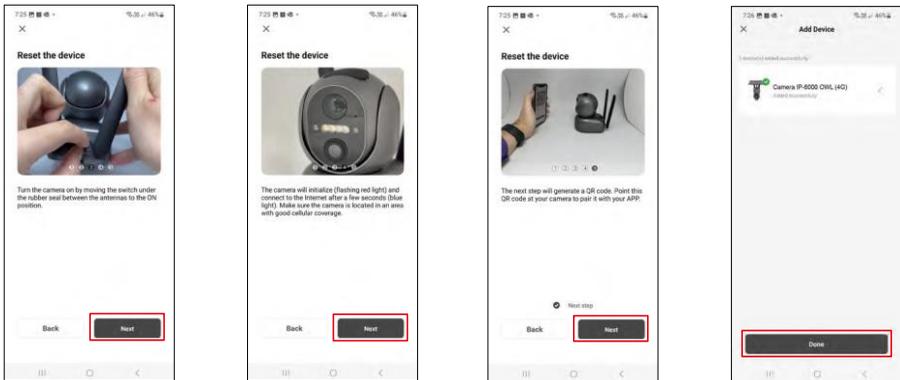
Pairing with an app



Select Add device.

Select the GoSmart product category and select the Camera IP-6000 OWL (4G).

Once again, make sure that the inserted SIM card is not PIN-protected and that 4G/LTE is switched on.



Turn on the camera by switching between the antennas and reset it with the RESET button on the bottom of the camera and continue the application.

The camera starts the initialization process. During this process, the red light will flash. When the camera is ready to pair, the blue light will turn on.

A QR code will appear on the display of your mobile device. Place the QR code in front of the camera lens.

Confirm that you have heard the beep for a successful pairing.

The device will be automatically searched. After pairing, the camera can be renamed.

Alternative pairing process

If for any reason the camera has trouble with the pairing process described above, there is another way to pair the camera:

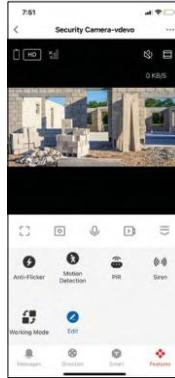


In the add section, select the scan option.

The app will open the camera preview and use it to scan the QR code located on the camera. After a successful scan, the camera should start the pairing process.

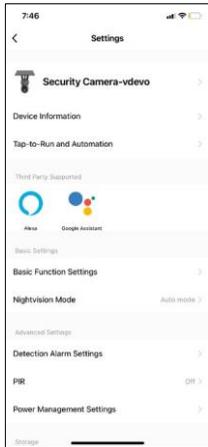
Icons and indicator lights

Description of controls in the application



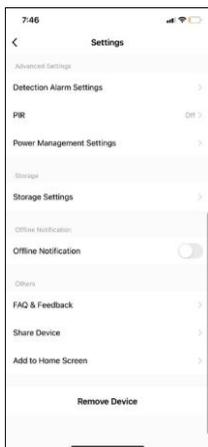
...	Advanced settings (described in more detail in the following section)
	Video quality switching (HD/SD)
	Battery status
	Signal quality and strength
0 KB/S	Transfer rate
	Mute
	Zoom in
	Full screen mode
	Take pictures using the app and save them to your mobile album
	Speak
	Take a video using the app and save it to your mobile album
	Expand menu
	To play a video stored on an SD card
	See videos and photos taken by the app
	Light mode / dark mode
	Night mode settings. We recommend setting to AUTO.
	Anti Flicker - Adjusts the video frequency in case of flickering due to ambient lights.

	Motion detection - the camera will alert you if it detects any movement
	PIR sensor settings
	Siren settings
	To view SIM card information
	Edit icons + add control of another device
	Display of messages (Motion detection...)
	Manual camera movement



Description of extension settings

- Device information - Basic information about the device and its owner
- Tap-to-Run and Automation - View scenes and automations assigned to the device. Creation of scenes is possible directly in the main menu of the application in the section "Scenes".
- Basic Function Settings - Enable/disable basic control functions such as automatic screen rotation or watermarking with time and date display. Another important setting is the ability to select one-way or two-way communication.
- Nightvision Mode - night mode setting
- Detection Alarm Settings - Motion detection settings and the ability to schedule exactly when motion should be detected and when it should not.
- PIR - PIR (motion) sensor setting
- Power Management settings - View battery information and set battery low notification settings
- Storage settings - storage management
- Offline Notification - To avoid constant reminders, a notification will be sent if the device remains offline for more than 30 minutes.
- FAQ & Feedback - View the most common questions along with their solutions plus the ability to send a question/suggestion/feedback directly to us
- Share Device - Share device management to another user
- Add to Home Screen - Add an icon to your phone's home screen. With this step, you don't have to open your device through the app every time, but just click directly on this added icon and it will take you straight to the camera view
- Remove Device - Remove and unpair a device. An important step if you wish to change the owner of the device. After adding the device to the app, the device is paired and cannot be added under another account.



Controls and functions

Recording to SD card

One of the basic functions of the home security system is the SD card recording function.

The camera is mains powered, allowing non-stop recording or recording only when the camera detects movement. Selection and scheduling of recording is possible in the camera settings under "Recording settings". The camera supports SD cards with a maximum size of 128 GB in FAT32 format. However, 32 GB or 16 GB SD cards are also sufficient. When the SD card is full, the recordings are automatically overwritten.

Instructions on how to enable the SD card function:

1. Insert the Micro SD card into the appropriate slot on the bottom of the camera.
2. Open the advanced device settings and select "Storage settings".
3. Format the SD card. NOTE: Do not turn off the application or interrupt the process when formatting the SD card.
4. Switch on the PIR sensor and set the required sensitivity.
5. When the camera detects motion, it will also record a few seconds of footage, which can be found in the icon:



Troubleshooting FAQ

I can't get the devices to pair. What can I do?

- Make sure you are using a 2.4GHz Wi-Fi network and have a strong enough signal
- Allow the app all permissions in the settings
- Make sure you are using the latest version of the mobile operating system and the latest version of the app

They can hear me outside, but I can't hear the sound outside / I can hear the sound outside, but they can't hear me.

- Make sure you have granted all permissions to the app, especially for the microphone.
- One-way communication can also be a problem. If you see this icon at the bottom:  it means that the device is set to one-way communication.
- To fix this, go to the "Basic Function Settings" menu and set "Talk mode" to "Two-way talk". This menu can be found in the extension settings (see Chapter "Description of extension settings").
- The correct icon for two-way communication looks like this: 

I'm not getting notifications, why?

- Allow the app all permissions in the settings
- Turn on notifications in the app settings (Settings -> App notifications)

What SD-Card can I use?

- SD card with a maximum storage capacity of 128 GB and a minimum speed class of CLASS 10 in FAT32 format.

When the SD card memory is full, are the oldest records automatically overwritten or does the user have to manually delete them?

- Yes, the records are overwritten automatically.

Who all can use the device?

- The device must always have an administrator (owner).
- Admin can share the device with the remaining household members and assign them rights.