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EMOS H4056 / GOSMART IP-600 EYE

EMOS GoSmart IP-600 Eye Wireless Surveillance Camera User Manual

Model: H4056 / GOSMART IP-600 EYE

1. PRODUCT OVERVIEW

The EMOS GoSmart IP-600 Eye is a smart, solar-powered IP camera designed for outdoor surveillance. It provides full HD 1080p resolution, allowing you to monitor and protect your home day and night. The camera communicates with your mobile phone via 2.4GHz Wi-Fi, sending motion detection notifications and live sound and image feeds.



Image 1.1: The EMOS GoSmart IP-600 Eye camera shown alongside its mobile application interface, demonstrating live view and control options.

Key Features:

- **Full HD 1080p Resolution:** Provides clear video with 1920 x 1080 resolution.
- **Wide Angle View:** 110° wide-angle lens for comprehensive coverage.
- **Weatherproof Design:** Waterproof according to IP55 standards for outdoor use.
- **Motion Detection & People Recognition:** Sends notifications upon detecting movement, with advanced people recognition to reduce false alarms.
- **Infrared Night Vision:** Clear monitoring up to 10 meters in low-light conditions.
- **Two-Way Audio:** Intercom function allows communication through the camera.
- **Integrated Siren:** 105dB siren for deterrence.
- **Flexible Storage:** Supports SD card recording (not included) or cloud storage (not included).
- **Solar Powered:** Includes a solar panel and 4 lithium-ion batteries (18650 type, total 8800mAh) for independent wireless power.

- **Smart Home Compatibility:** Compatible with Tuya, Smart Life, Alexa, and Google Assistant.
- **WebRTC Function:** Allows creation of a virtual surveillance center in your browser.

2. PACKAGE CONTENTS

Please check the package contents to ensure all items are present and undamaged:

- EMOS GoSmart IP-600 Eye Camera
- Solar Panel
- 4 x Lithium-Ion Batteries (18650 type)
- Wall Bracket
- Fixing Screws and Wall Plugs
- Charging Cable
- User Manual (this document)



Image 2.1: Included mounting accessories, including the wall bracket, screws, and wall plugs.

3. SETUP AND INSTALLATION

3.1 Battery Installation

The camera is powered by four 18650 lithium-ion batteries. Ensure they are inserted correctly according to the polarity markings inside the battery compartment.

1. Locate the battery compartment on the camera.
2. Open the compartment cover.
3. Insert the four 18650 batteries, observing the correct positive (+) and negative (-) terminals.
4. Close the compartment cover securely.



Image 3.1: View of the camera's battery compartment, USB port, and TF (microSD) card slot.

3.2 Physical Mounting

The camera is designed for wall mounting. Choose a location that provides optimal surveillance coverage and receives sufficient sunlight for the solar panel.

1. Select a suitable mounting surface.
2. Use the wall bracket as a template to mark drilling points.
3. Drill holes and insert the provided wall plugs.
4. Secure the wall bracket using the fixing screws.
5. Attach the camera to the mounted bracket and adjust its angle for desired coverage.



Image 3.2: The EMOS GoSmart IP-600 Eye camera installed on an exterior wall, demonstrating its outdoor placement.

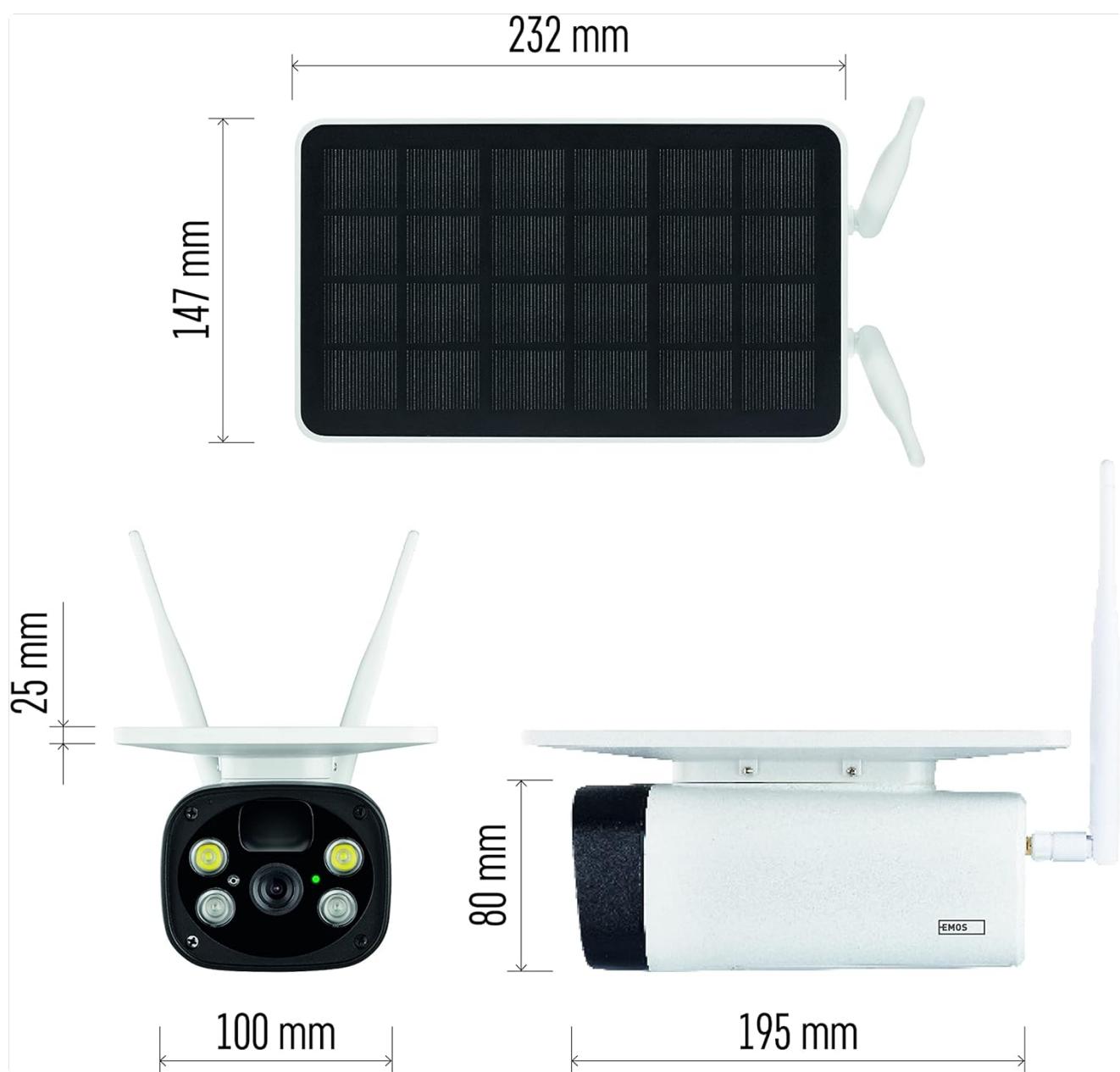


Image 3.3: Dimensional drawing of the EMOS GoSmart IP-600 Eye camera and its solar panel for installation planning.

3.3 App Download and Pairing

To control and monitor your camera, download the free EMOS GoSmart app. The camera connects via 2.4GHz Wi-Fi.

1. Download the "EMOS GoSmart" app from Google Play Store (for Android) or Apple App Store (for iOS). You can also scan the QR codes below:
[Link for App Download \(QR 1\)](#)
[Link for App Download \(QR 2\)](#)
2. Register or log in to your EMOS GoSmart account.
3. Follow the in-app instructions to add your new camera. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network during the pairing process.
4. The camera is compatible with Tuya and Smart Life platforms, and can be voice-controlled via Alexa and Google Assistant once set up in the EMOS GoSmart app.

4. OPERATING INSTRUCTIONS

4.1 Live View and Monitoring

Once connected, you can access the live video feed from your camera through the EMOS GoSmart app. This allows real-time monitoring of your property.

4.2 Motion Detection and Notifications

The camera is equipped with motion detection and advanced people recognition. When motion or a person is detected, you will receive a notification on your mobile phone.

- **Adjusting Monitored Area:** Within the app settings, you can define specific areas to monitor, excluding, for example, movements on a busy road to minimize false alerts.
- **Sensitivity Settings:** Adjust the sensitivity of motion detection to suit your environment.

4.3 Two-Way Audio (Intercom)

Use the intercom function in the app to communicate with individuals near the camera. This is useful for speaking to visitors or deterring intruders.

4.4 Night Vision

The camera automatically switches to infrared night vision in low-light conditions, providing clear black and white video up to 10 meters.

4.5 Recording and Storage

The camera supports video recording to a local SD card (not included) or to a cloud storage service (not included). Your data is stored in the secure AWS cloud in Germany if you opt for cloud storage.

- **SD Card:** Insert a compatible microSD card into the TF card slot (refer to Image 3.1).
- **Cloud Storage:** Check the EMOS GoSmart app for available cloud storage plans.

4.6 Siren Function

Activate the 105dB siren through the app to deter unwanted visitors or alert others to an event.

4.7 WebRTC (Virtual NVR) Function

The WebRTC function allows you to create a virtual surveillance center directly in your web browser, providing an alternative viewing and management interface.

5. MAINTENANCE

5.1 Battery Charging and Life

The integrated solar panel continuously charges the camera's lithium-ion batteries. For optimal performance, ensure the solar panel is positioned to receive maximum direct sunlight.

- If the camera's battery level is low due to insufficient sunlight, you can charge it using the provided charging cable via the USB port (refer to Image 3.1).
- Regularly check the battery status in the EMOS GoSmart app.

5.2 Cleaning

As an outdoor device, the camera may accumulate dirt or dust. Clean the lens and solar panel periodically with a soft, damp cloth to ensure clear image quality and efficient charging. Do not use harsh chemicals or abrasive materials.

6. TROUBLESHOOTING

6.1 Camera Not Connecting to Wi-Fi

- Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz networks.
- Check Wi-Fi signal strength at the camera's location. Move the camera closer to the router if necessary.
- Verify that the Wi-Fi password entered in the app is correct.
- Restart your Wi-Fi router and the camera.

6.2 Poor Image Quality

- Clean the camera lens with a soft cloth.
- Ensure there are no obstructions in front of the lens.
- Check your internet connection speed. A slow connection can affect live stream quality.

6.3 Motion Detection Not Working or Too Many False Alarms

- Verify that motion detection is enabled in the EMOS GoSmart app settings.
- Adjust the motion detection sensitivity in the app.
- Utilize the "Adjust Monitored Area" feature to exclude irrelevant zones (e.g., public roads, swaying trees).
- Ensure the camera's view is not obstructed.

6.4 Battery Not Charging via Solar Panel

- Ensure the solar panel is clean and free of dirt or debris.
- Verify the solar panel is positioned to receive direct sunlight for several hours a day.
- Check the connection cable between the solar panel and the camera.
- In prolonged periods of low sunlight, consider charging the camera via the USB port.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	GOSMART IP-600 EYE
Part Number	H4056
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Power
Connectivity Protocol	Wi-Fi (2.4GHz)

Feature	Specification
Controller Type	EMOS GoSmart for Android and iOS
Mounting Type	Wall Mount
Video Capture Resolution	1080p (1920 x 1080 Pixels)
Colour	White
Included Components	IP Camera with Solar Panel, Charging Cable, Battery and Stand
Number of Channels	2
Viewing Angle	110 Degrees
Night-Vision Range	10 Metres
Material	Metal
Voltage	5 Volts
Wattage	3 watts
Item Dimensions (L x W x H)	23.5 x 14 x 10 centimetres
Water Resistance Level	Water Resistant (IP55)
Batteries	4 Lithium Ion batteries (18650 type, 8800mAh total)
Item Weight	1.19 kg
Special Features	Intercom function, HD Resolution, Night Vision, Motion Sensor, People Detection, SD card or cloud recording
Recommended Uses	Motion Detection, Private, Business

8. WARRANTY AND SUPPORT

8.1 Warranty Information

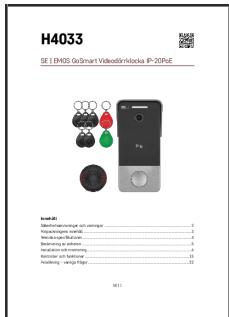
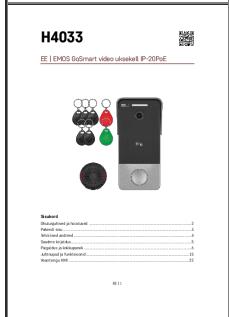
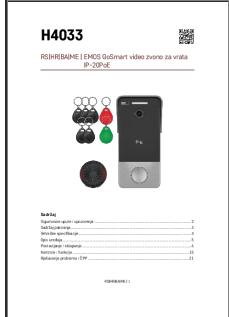
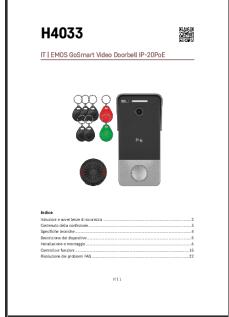
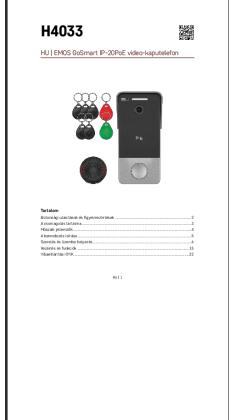
For detailed warranty information regarding your EMOS GoSmart IP-600 Eye camera, please refer to the official warranty documentation provided with your purchase or visit the official EMOS website. Warranty terms and conditions may vary by region.

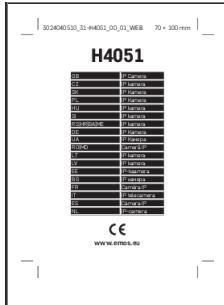
8.2 Customer Support

If you encounter any issues or have questions not covered in this manual, please contact EMOS customer support. You can typically find contact information on the EMOS official website or within the EMOS GoSmart mobile application.

For the latest information, FAQs, and support resources, please visit the official EMOS website www.emos.eu

Related Documents - H4056 / GOSMART IP-600 EYE

 <p>H4033 SE EMOS GoSmart Videodörrklocka IP-20PoE</p>	<p><u>EMOS GoSmart Videodörrklocka IP-20PoE H4033 - Användarmanual och Specifikationer</u></p> <p>Komplett användarmanual för EMOS GoSmart Videodörrklocka IP-20PoE (H4033). Inkluderar installation, konfiguration, funktioner, felsökning och tekniska specifikationer.</p>
 <p>H4033 ET EMOS GoSmart video uksekell IP-20PoE</p>	<p><u>EMOS H4033 GoSmart IP-20PoE Video Uksekell Kasutusjuhend</u></p> <p>Lugege EMOS H4033 GoSmart IP-20PoE video uksekella kasutusjuhendit, et saada teavet paigaldamise, funktsioonide, ohutuse ja törkeotsingu kohta.</p>
 <p>H4033 HR HRV Hrv EMOS GoSmart video zvono za vrata IP-20PoE</p>	<p><u>EMOS GoSmart video zvono za vrata IP-20PoE - Upute za uporabu i specifikacije</u></p> <p>Ovaj dokument pruža detaljne upute za uporabu, sigurnosne smjernice, tehničke specifikacije i postupke instalacije za EMOS GoSmart video zvono za vrata IP-20PoE.</p>
 <p>H4033 IT EMOS GoSmart Video Doorbell IP-20PoE</p>	<p><u>EMOS GoSmart Video Doorbell IP-20PoE - Manuale Utente e Guida all'Installazione</u></p> <p>Guida completa per il videocitofono EMOS GoSmart IP-20PoE. Include istruzioni di sicurezza, specifiche tecniche, metodi di installazione (PoE, LAN, Wi-Fi), configurazione dell'app EMOS GoSmart, gestione chip RFID e risoluzione dei problemi.</p>
 <p>H4033 HU EMOS GoSmart IP-20PoE video-kaputelefon</p>	<p><u>EMOS GoSmart IP-20PoE H4033 Video Kaputelefon Használati Útmutató</u></p> <p>Ez a használati útmutató részletes információkat nyújt az EMOS GoSmart IP-20PoE H4033 videó kaputelefon telepítéséről, beállításáról és működéséről, beleértve a biztonsági előírásokat, műszaki jellemzőket és hibaelhárítást.</p>



[EMOS H4051 IP Camera User Manual and Installation Guide](#)

Comprehensive guide for the EMOS H4051 IP Camera, detailing installation, setup, technical specifications, app integration, and connectivity features for smart home surveillance.