

virtavo SolarFlask 2K Solar Security Camera Instruction Manual

MODEL: LQH10 | BRAND: VIRTAVO

Introduction

Thank you for choosing the virtavo SolarFlask 2K Solar Security Camera. This manual provides detailed instructions for setting up, operating, and maintaining your new security camera. Designed for outdoor use, this wireless, battery-powered camera utilizes solar energy for continuous operation, offering advanced features like 2K QHD resolution, color night vision, PIR motion detection, and two-way audio to keep your property secure.



Virtavo SolarFlask 2K Wireless Outdoor Security Camera with attached solar panel.

Key Features

- **Solar Powered & Wire-Free:** Built-in rechargeable battery with a 5-foot charging cable for flexible placement. A full charge can last up to 1-3 months without sunlight.
- **2K QHD & Color Night Vision:** Delivers crystal-clear 2K QHD resolution with advanced Starlight technology, F1.6 aperture, 3.0mm lens, and 2 IR LEDs for vivid color images even in low light.
- **PIR Motion Detection & Smart Alerts:** Advanced PIR motion detection covers up to 30 feet, sending instant alerts to your phone via the 'HOME V' app.
- **Two-Way Audio:** Communicate in real-time with visitors or deter intruders using the integrated two-way audio feature.
- **Easy Setup & Remote Monitoring:** Quick and hassle-free installation. Monitor your home anytime, anywhere using the user-friendly 'HOME V' app on your smartphone.
- **Flexible Storage Options:** Supports local storage via SD card (32GB to 256GB) and encrypted cloud storage with 7- or 30-day video history.
- **Weatherproof Design:** Built to withstand various climates, including rain, snow, and sun.

What's Included

Your virtavo SolarFlask 2K Solar Security Camera package typically includes:

- virtavo SolarFlask 2K Security Camera
- Integrated Solar Panel with 5-foot charging cable
- Camera Mount Holder
- Screw Pack for mounting
- Adhesive Sticky Pad (for no-drill installation)
- Quick Guide / User Manual

Setup Guide

Follow these steps to set up your virtavo SolarFlask camera:

1. **Charge the Camera:** Before initial use, fully charge the camera's built-in battery using the provided USB cable.
2. **Download the App:** Download the 'HOME V' app from your smartphone's app store (iOS or Android).
3. **Create an Account:** Open the 'HOME V' app and follow the on-screen instructions to create a new user account.
4. **Add Device:** In the app, select 'Add Device' and follow the prompts to connect your camera to your 2.4GHz Wi-Fi network. Ensure your Wi-Fi signal is strong at the installation location.
5. **Choose Installation Location:** Select a location that receives ample direct sunlight for the solar panel to efficiently charge the camera. Consider areas with good Wi-Fi coverage.
6. **Mount the Camera:** You have two primary installation options:
 - **All-in-one Installation:** Attach the solar panel directly to the top of the camera using the adhesive pad or screws. Then mount the combined unit to your desired surface.
 - **Split Installation:** Use the 5-foot charging cable to place the solar panel in a location with optimal sunlight, separate from the camera. Mount the camera in your preferred monitoring spot.
7. **Secure Mounting:** For smooth surfaces like glass or tiles, the adhesive pad can be used for a no-drilling setup. For more permanent or rough surfaces, use the provided screws and wall anchors.
8. **Adjust Angle:** Once mounted, adjust the camera's angle to cover the desired surveillance area. Ensure the solar panel is angled to receive maximum sunlight throughout the day.



All-in-one
Installation



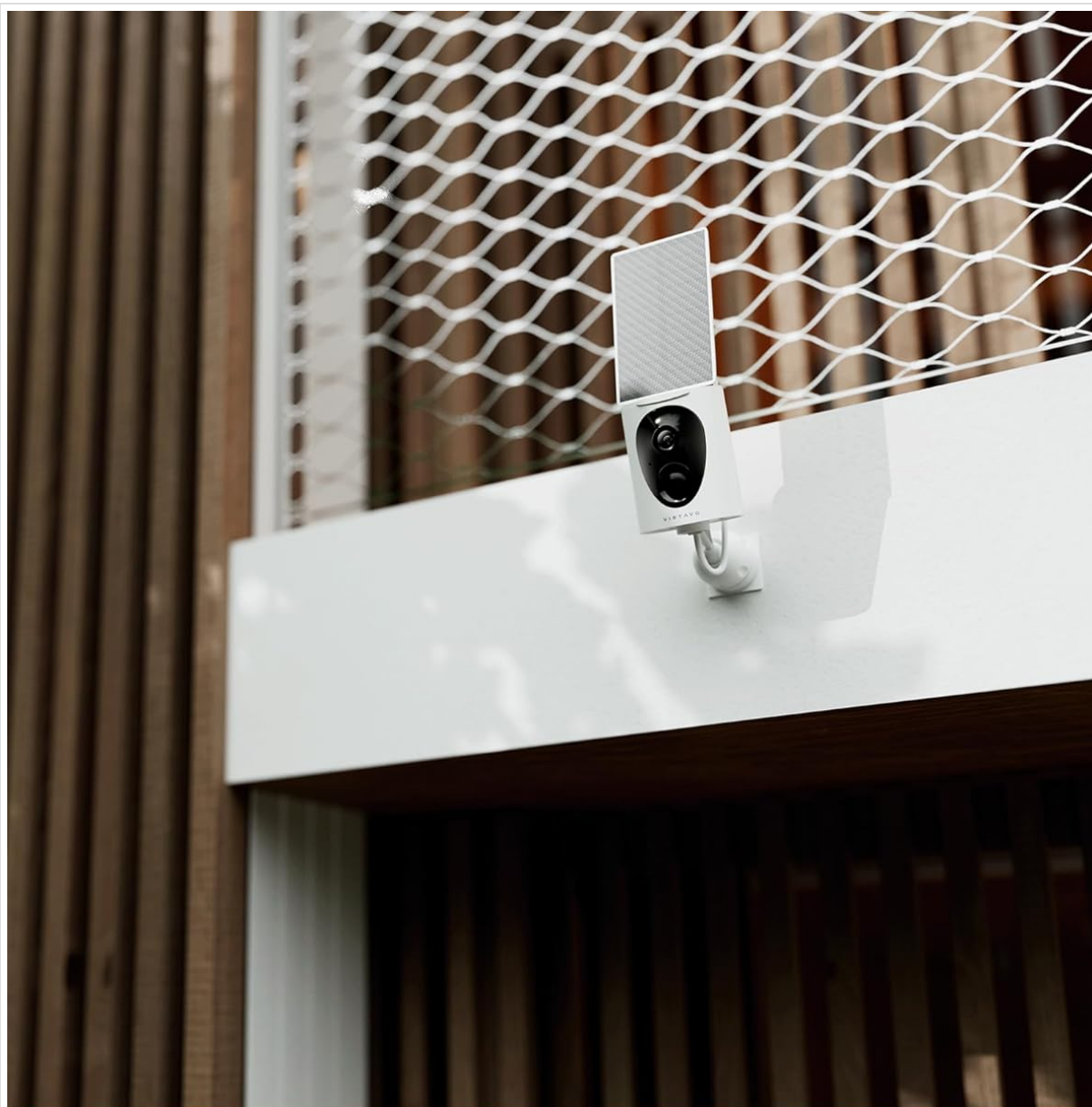
Split
Installation

Install It Your Way

Mount it together for quick setup or separately with the extra-long 5ft cable—front, side, or back—wherever works best.

*3M adhesive included—stick the solar panel on top of the camera or any smooth surface.

All-in-one Installation



All-in-one Solar Panel Included

Keep your VIRTAVO FlaskCam powered 24/7 with the all-in-one solar panel that ensures a continuous and eco-friendly energy supply.

*This camera records only when motion or activity is detected; continuous recording is not supported.

Split Installation



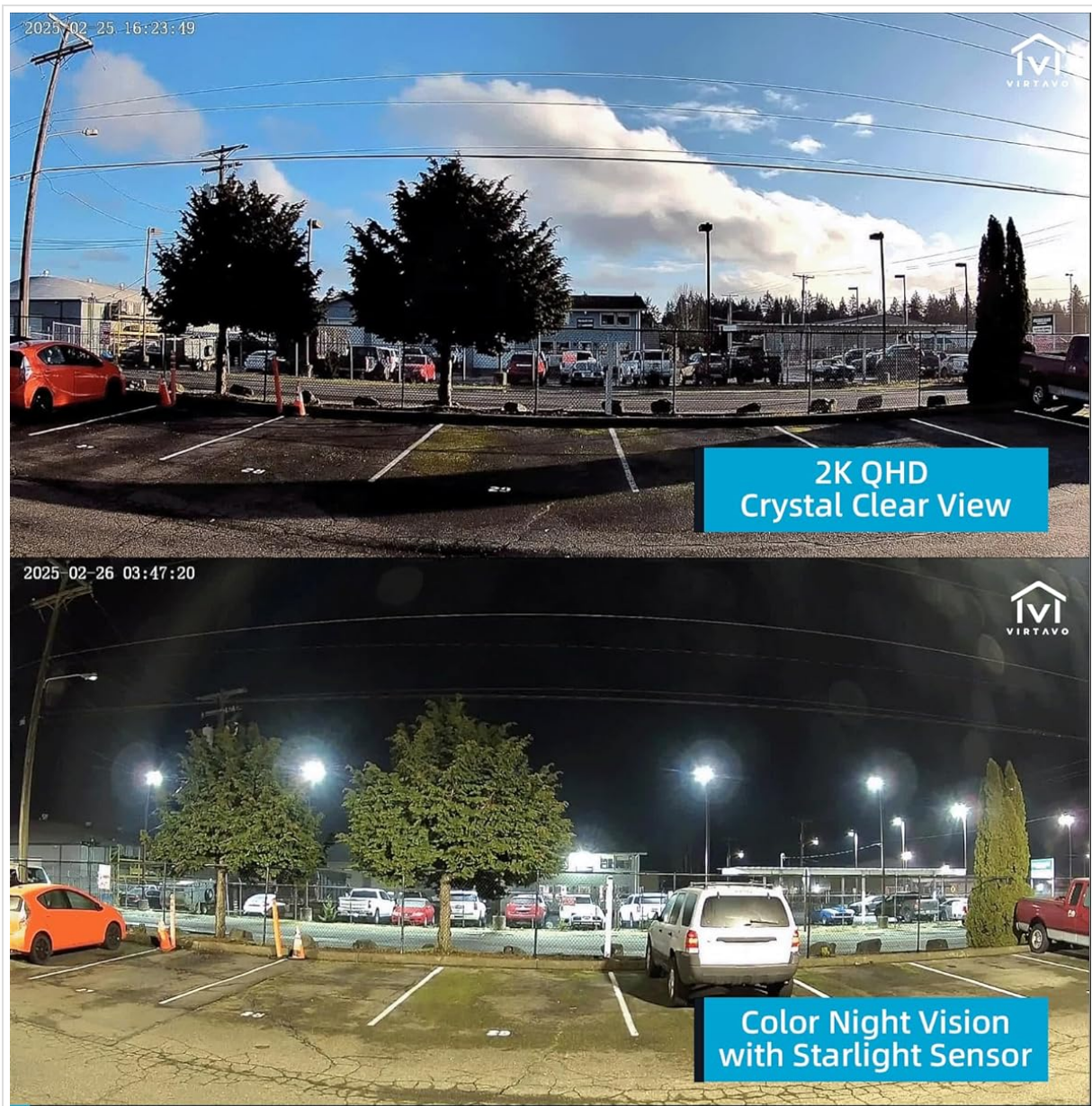
Easy installation on smooth surfaces.

Operating Instructions

Your virtavo SolarFlask camera is designed for intuitive operation via the 'HOME V' app:

- **Live View:** Open the 'HOME V' app to access a live feed from your camera. You can view in 2K QHD resolution.
- **Motion Detection Alerts:** The camera's PIR sensor detects motion up to 30 feet. When motion is detected, you will receive instant push notifications on your smartphone.

- **Two-Way Audio:** Use the microphone and speaker icons in the app to engage in two-way communication through the camera.
- **Night Vision:** The camera automatically switches to color night vision in low-light conditions, providing clear footage 24/7.
- **Recording & Playback:** Recordings are triggered by motion events. You can access recorded videos via the app. Choose between local storage (SD card, not included) or encrypted cloud storage (subscription may apply).
- **Customizable Activity Zones:** Set specific areas within the camera's view to trigger motion detection, reducing false alerts.



2K QHD
Crystal Clear View

2K QHD
Color Night Vision
with Starlight Sensor

2K QHD Clarity, Day & Night

Capture every detail in stunning 2K during the day—and enjoy vivid full-color vision after dark with the built-in starlight sensor.

*All images shown are real and unprocessed, full-color footage even in low-light conditions.

Wireless

Access remotely via wireless connection.



Flexible Storage Options (SD card slot shown)

Night Vision capabilities.

Maintenance

- **Solar Panel Cleaning:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may hinder charging efficiency.
- **Battery Life:** The camera's 4400mAh battery can last 1 to 3 months on a full charge, even without direct sunlight, depending on usage and motion detection frequency. Regular exposure to sunlight will extend its operational time.
- **Charging Time:** A full charge typically takes 7-10 hours of direct sunlight.

- **Weather Protection:** The camera is designed to be weatherproof. However, extreme weather conditions may temporarily affect performance. Ensure it is securely mounted to prevent dislodgement during strong winds.



Weatherproof design for all climates.

Troubleshooting

- **Camera Not Connecting to Wi-Fi:** Ensure your Wi-Fi is 2.4GHz. Check Wi-Fi signal strength at the camera's location. Try restarting your router and the camera.
- **Poor Video Quality:** Verify your Wi-Fi connection is stable. Ensure the camera lens is clean and free from obstructions. Adjust camera placement for optimal lighting.
- **Battery Not Charging:** Confirm the solar panel is receiving direct sunlight for several hours daily. Clean the solar panel surface. Check the connection between the solar panel and the camera.
- **SD Card Not Recognized:** Ensure the SD card is properly inserted. Try formatting the SD card via the app (this will erase data). Use a compatible SD card (32GB to 256GB).
- **Frequent False Alerts:** Adjust the PIR motion detection sensitivity settings in the 'HOME V' app. Utilize customizable activity zones to exclude high-traffic areas.

Specifications





Feature	Specification
Power Source	Solar Powered
Controller Type	HOME V App
Video Capture Resolution	2K QHD
Wireless Communication Technology	Wi-Fi (2.4GHz)
Viewing Angle	120 Degrees
Night Vision Range	30 Feet
Item Dimensions (L x W x H)	2.7 x 1.3 x 3.2 inches
Water Resistance Level	Waterproof
Batteries Required?	Yes (2 D batteries included)
Item Weight	12.8 ounces (0.8 Pounds)
Optical Zoom	10x
Battery Power	4400 Milliamp Hours
Low Light Technology	Starlight
Video Capture Format	MP4
Specific Uses For Product	Surveillance

Feature	Specification
Number of IR LEDs	2
Manufacturer	Puwell
Recommended Uses	Outdoor Security
Indoor/Outdoor Usage	Outdoor

Warranty & Support

For detailed warranty information, please refer to the product packaging or visit the official virtavo website. For technical support, troubleshooting assistance, or any inquiries regarding your virtavo SolarFlask camera, please contact virtavo customer support through the 'HOME V' app or their official support channels.

Related Documents - LJH10

	<p>Virtavo Starlight Security Camera Quick Start Guide</p> <p>A quick start guide for the Virtavo Starlight Security Camera, covering setup, mounting, charging, and warranty information.</p>
	<p>VIRTAVO PandaVista Outdoor Battery Camera: User Manual & Installation Guide</p> <p>Comprehensive guide for the VIRTAVO PandaVista Outdoor Battery Camera, covering unboxing, setup, mounting, solar panel installation, safety, and warranty information. Learn how to install and use your smart security camera.</p>
	<p>Virtavo Wireless Security Camera Quick Start Guide</p> <p>Get started with your Virtavo Wireless Security Camera. This quick start guide provides essential information on setup, mounting, charging, product overview, safety statements, and warranty for your 180-day battery life indoor/outdoor camera.</p>
	<p>VIRTAVO XM1 Outdoor Security Camera User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the VIRTAVO XM1 outdoor security camera, covering setup, mounting, solar panel installation, warranty, and safety information.</p>



[VIRTAVO EggSentry Security Camera Quick Start Guide - Setup and Installation](#)

Comprehensive Quick Start Guide for the VIRTAVO EggSentry Security Camera. Learn how to set up, mount, and operate your camera with detailed instructions, product overview, warranty, and regulatory information.



[EggSentry Dual Lens Smart Security Camera | VIRTAVO Product Overview](#)

Explore the VIRTAVO EggSentry Dual Lens Smart Security Camera, featuring 1080p HD resolution, pan-tilt functionality, advanced starlight color night vision, and two-way audio for comprehensive indoor security. Learn about its features, specifications, and packaging.