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› BolyGuard MG984G-36M 4G Trail Camera User Manual

## BolyGuard MG984G

# BolyGuard MG984G-36M 4G Trail Camera User Manual

Model: MG984G

## INTRODUCTION

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Thank you for choosing the BolyGuard MG984G-36M 4G Trail Camera. This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before using the camera to ensure optimal performance and longevity.

## PRODUCT OVERVIEW

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### Camera Components

Familiarize yourself with the various parts of your BolyGuard MG984G-36M trail camera:



**Image 1:** Front and interior view of the BolyGuard MG984G-36M trail camera with key components labeled. This includes the Light Meter, Indication LED, Camera Lens, Laser Pointer, Lock Loop, PIR Motion Detector, Latch, Mic, LED, Display screen, OK/Playback button, Up/Video button, Left/Delete/Enter security mode button, Power switch, Menu button, Right/Shot button, Down/Photo button, and Battery Tray.

## Package Contents

The standard package includes the following items:

- BolyGuard MG984G-36M Trail Camera
- Instruction Manual
- Mounting Strap
- USB Cable
- Antenna
- Mounting Bracket/Tool
- Warranty Card

# 940nm no glow IR LED Lights

940nm: A kind of LED, has no glow, people and animal's eyes can't find it. So camera with 940nm LED is more suitable for security and scouting



**Image 2:** Contents of the BolyGuard MG984G-36M trail camera package, showing the camera, instruction manual, warranty card, mounting strap, USB cable, antenna, and mounting tool.

## SETUP

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### 1. Battery Installation

The camera operates on 8x AA batteries or can be powered by a solar battery (not included). Ensure correct polarity when inserting batteries.

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**Video 1:** This video demonstrates the physical components of the MG984G camera, including the battery compartment and the process of inserting AA batteries. It also shows the various ports and the display screen.

### 2. SIM Card and SD Card Installation

Insert a compatible 4G SIM card and an SD card (up to 32GB, Class 10 recommended) into their respective slots. Ensure the camera is powered off before inserting or removing cards.

### 3. Initial Configuration and Molnus App Setup

To utilize the 4G features, you will need to set up the camera with the Molnus application. Follow these steps:

1. Register your Molnus account.
2. Log in to your Molnus account and navigate to the 'My Cameras' page.
3. Slide the function switch on your camera to the **SETUP** position and ensure the 'Send mode' is set to 'Molnus'.
4. Press the 'Register camera' button within the Molnus app.
5. Slide the function switch on the camera to the **ON** position. Quickly place the device facing an area with no movement, such as a wall.
6. Press the 'Register' button in Molnus again and wait for approximately 5 minutes for the camera to connect.



**Image 3:** Visual guide detailing the six steps for registering your BolyGuard camera with the Molnus application, including camera switch positions and app interactions.

#### **4. Mounting the Camera**

Use the provided mounting strap to secure the camera to a tree or pole. Ensure the camera is stable and positioned to capture the desired area. The camera is designed for outdoor use and can be tree-mounted.



**Image 4:** The BolyGuard MG984G-36M trail camera securely mounted to a tree using its strap, demonstrating a typical outdoor installation.

## OPERATING INSTRUCTIONS

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### Powering On/Off and Mode Selection

- **OFF:** The camera is powered off.
- **SETUP:** Allows access to the camera's menu for configuration, viewing images/videos, and testing.
- **ON:** The camera is active and will begin recording based on its settings.

### Remote Access and Monitoring

The MG984G-36M supports real-time 4G surveillance. Once configured with the Molnus app, you can:

- Stream 1080P HD videos and 36MP photos directly to your phone.
- Receive instant alerts.
- Sync footage to the cloud for 24/7 access.
- Remotely adjust camera settings.

### Night Vision Operation

The camera features 4x 940nm Black IR LEDs for stealth night vision up to 100 feet. These invisible IR flashes ensure that animals are not startled and the camera remains discreet.

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**Video 2:** This video showcases the night vision capabilities of the BolyGuard trail camera, capturing clear footage of wildlife in low-light conditions using its infrared sensors.



**Image 5:** An illustration demonstrating the 940nm no-glow IR LED lights of the BolyGuard camera, showing how it captures clear images of a deer at night without visible light emission.

## Daytime Video Capture

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**Video 3:** This video displays the daytime video recording quality of the BolyGuard trail camera, showing a heron in its natural habitat.

## MAINTENANCE

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### Weather Resistance

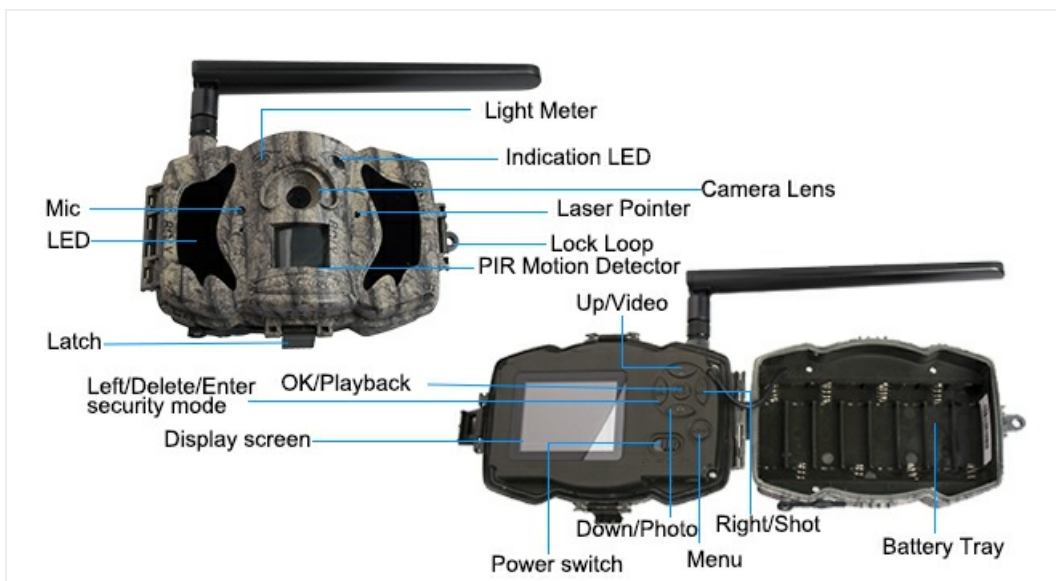
The camera features an IP66 waterproof casing, designed to withstand rain, snow, and extreme temperatures ranging from -22°F to 158°F. This ensures reliable operation in various outdoor conditions.



**Image 6:** An image illustrating the IP66 waterproof capability of the BolyGuard trail camera, showing it functioning effectively in rainy and snowy weather, with a deer in the background.

## Power Management

The camera offers a 90-day battery life with ultra-low power consumption. For extended operation, the camera supports external power sources, including compatible solar panels (BolyGuard BC-02 solar panel recommended, not included).



**Image 7:** This image highlights the DC port on the BolyGuard trail camera, demonstrating its compatibility with external power sources like the BC-02 solar panel for continuous operation.

## General Care

- Keep the camera lens and PIR sensor clean from dirt, dust, and debris. Use a soft, dry cloth for cleaning.

- Ensure the latches are securely closed to maintain the waterproof seal.
- Regularly check battery levels and replace them as needed.
- Format the SD card periodically to ensure optimal recording performance.

## TROUBLESHOOTING

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If you encounter issues with your BolyGuard MG984G-36M camera, consider the following common solutions:

- **Camera not powering on:** Check battery installation and ensure batteries are fully charged. Verify the power switch is in the correct position.
- **No images/videos recorded:** Ensure the SD card is properly inserted and has sufficient free space. Check camera settings for recording mode and PIR sensitivity.
- **Poor image/video quality:** Clean the camera lens. Ensure the camera is mounted securely to prevent movement. Check for obstructions in front of the lens or PIR sensor.
- **4G connectivity issues:** Verify the SIM card is active and has a data plan. Check network signal strength in the camera's location. Re-register the camera with the Molnus app if necessary.
- **Night vision not working:** Ensure the IR LEDs are not obstructed. Check battery levels, as low power can affect IR performance.

For further assistance, refer to the support section.

## SPECIFICATIONS

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Below are the technical specifications for the BolyGuard MG984G-36M 4G Trail Camera:

Feature	Specification
Model Name	MG984G
Effective Still Resolution	36 MP
Video Capture Resolution	1080p
Effective Video Resolution	1080
Frame Rate	30 frames per second
Night Vision Range	100 Feet
Connectivity Protocol	4G
Wireless Communication Technology	Cellular
Power Source	8×AA Battery Powered or Solar Battery Powered
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	Waterproof
International Protection Rating	IP66
Item Dimensions (L x W x H)	6 x 3 x 3 inches
Item Weight	1.4 pounds
Photo Sensor Technology	CMOS
Video Capture Format	MOV
Audio Visual Recording Capabilities	Video & Audio
Special Feature	36MP/1080HD resolution, 4G cellular wildlife camera, 940nm 100ft night vision, IP66 waterproof, Image Starlight sensor 8,400,000P

## WARRANTY AND SUPPORT

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### Warranty Information

Warranty details are typically provided with the product in the included Warranty Card. Please refer to this document for specific terms and conditions regarding your BolyGuard MG984G-36M trail camera.

### Customer Support

BolyGuard offers 24/7 customer support for any questions or issues you may encounter. You can typically find contact information for support within the Molnus application or on the official BolyGuard website.

