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› [Bolyguard](#) /

› Bolyguard BG662-HQ 4K 56MP Dual Lens White LED Trail Camera User Manual

Bolyguard BG662-HQ

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Model: BG662-HQ

INTRODUCTION

Thank you for choosing the Bolyguard BG662-HQ Trail Camera. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance. The BG662-HQ is designed for outdoor surveillance, wildlife monitoring, and security applications, featuring 4K video, 56MP photos, dual lenses, and advanced night vision capabilities.

PRODUCT OVERVIEW

Key Features

- **Exceptional Resolution:** Captures 4K video and 56 MP still images, providing clear and detailed recordings day and night.
- **Advanced Illumination:** Features a dual-lens system with white LEDs for bright night vision up to 30 meters, alongside 940nm black IR LEDs for discreet surveillance.
- **High-Performance Detection:** Equipped with a sensitive motion detection system and an optimal coverage angle to ensure no activity is missed.
- **Expandable Storage:** Supports SD cards up to 256 GB for extensive recording capacity.
- **Durable Design:** Robust, camouflage-patterned casing with an IP68 waterproof rating, suitable for various outdoor conditions including ice, snow, rain, and dust.

Camera Components

Familiarize yourself with the camera's external and internal components:

Internal View

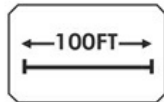


Image: Internal view of the camera. This image displays the 2.0-inch LCD screen, navigation buttons (Up/Video, Left, OK/Play, Down/Photo, Right), SD card slot, speaker, power switch, menu button, shot button, and the battery tray designed for 8x AA batteries or 5x 18650 batteries.

BolyGuard Trail Camera



BG662



Detection Range



940nm Black IR



Dual Battery



Image: Bolyguard BG662-HQ trail camera highlighting its 100ft detection and lighting range. The image shows the camera in a natural setting with a red panda in a tree and a tiger on the ground, illustrating the wide-angle lens and effective range.

SETUP

1. Battery Installation

1. Open the camera housing latches and swing open the front cover.
2. Locate the battery compartment. The camera requires 8 AA batteries or 5 18650 batteries.
3. Insert the batteries according to the polarity markings (+/-) inside the compartment.
4. Close the battery tray securely.

2. SD Card Insertion

1. Ensure the camera is powered off.
2. Locate the SD card slot, typically on the side or bottom of the internal unit.
3. Insert a formatted SD card (up to 256 GB) into the slot until it clicks into place.
4. To remove, press the card gently until it springs out.

3. Mounting the Camera

1. Use the provided mounting strap or bracket to secure the camera to a tree or pole.
2. Position the camera at an appropriate height and angle to cover the desired area.
3. Ensure the camera is stable and will not move due to wind or animal activity.

IP68 Waterproof/Dust Resistance

No fear of Ice&Snow



ICE&SNOW



RAIN



DUST



Image: The Bolyguard BG662-HQ trail camera securely mounted to a tree trunk in a forest environment, demonstrating its camouflage design blending with nature.

OPERATING INSTRUCTIONS

Powering On/Off

- To power on, slide the power switch to the 'ON' position. The LCD screen will illuminate.
- To power off, slide the power switch to the 'OFF' position.

Menu Navigation

- Use the **MENU** button to access the settings menu.
- Use the **UP** and **DOWN** buttons to scroll through menu options.
- Use the **LEFT** and **RIGHT** buttons to change settings values.
- Press the **OK/PLAY** button to confirm selections.

Basic Settings

1. **Date and Time:** Set the current date and time for accurate timestamps on your recordings.
2. **Mode:** Select between Photo, Video, or Photo+Video mode.
3. **Photo Resolution:** Choose from available resolutions (e.g., 56MP, 36MP).
4. **Video Resolution:** Select video quality (e.g., 4K, 1080P).
5. **PIR Sensitivity:** Adjust the Passive Infrared (PIR) sensor sensitivity (High, Normal, Low) based on environmental conditions to prevent false triggers.
6. **Flash Mode:** Select between White LED for color night images or 940nm Black IR for discreet black and white night images.

Viewing Media

- In 'ON' mode, press the **OK/PLAY** button to enter playback mode.
- Use the **UP** and **DOWN** buttons to navigate through captured photos and videos.
- Press **OK/PLAY** again to play a video or view a photo in full screen.
- Press **MENU** to exit playback mode.



Image: Visual comparison demonstrating the superior detail of 4K video over 1080P and 56MP images over 36MP, captured by the Bolyguard BG662-HQ camera. This highlights the camera's high-resolution capabilities.



Image: A split image comparing night performance. On the left, a red panda is shown in black and white, captured using 940nm Black IR. On the right, a deer is shown in color, captured using White Flash, demonstrating the camera's dual night vision capabilities.

MAINTENANCE

Cleaning

- Wipe the camera lens and PIR sensor window with a soft, dry cloth to remove dust and smudges.
- Clean the camera body with a damp cloth if necessary, avoiding harsh chemicals.

Battery Replacement

- Replace batteries when the low battery indicator appears on the screen or when performance degrades.
- Always replace all batteries at once with new ones of the same type.

SD Card Management

- Regularly check the SD card capacity and transfer important files to a computer.
- Format the SD card periodically within the camera's menu to ensure optimal performance and prevent data corruption.

Storage

- When not in use for extended periods, remove batteries and the SD card.
- Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on	Low or dead batteries; incorrect battery insertion.	Replace batteries with fresh ones; ensure correct polarity.

Problem	Possible Cause	Solution
Poor image/video quality	Dirty lens; low resolution settings; insufficient lighting.	Clean the lens; increase photo/video resolution; check flash mode.
No recordings captured	SD card full or faulty; incorrect PIR sensitivity; camera in wrong mode.	Format or replace SD card; adjust PIR sensitivity; ensure camera is in Photo/Video mode.
False triggers	High PIR sensitivity; camera positioned near moving branches or heat sources.	Reduce PIR sensitivity; reposition camera to avoid obstructions.
Night vision issues	Flash mode incorrect; IR/White LEDs obstructed.	Verify flash mode setting; ensure LEDs are clear of debris.

SPECIFICATIONS

Feature	Detail
Model Number	BG662-HQ
Image Resolution	Up to 56 Megapixels
Video Resolution	Up to 4K (30 FPS)
Optical Sensor Technology	CMOS
Night Vision	White LED with Night Vision, 8x 940nm Black IR LEDs
Night Vision Range	30 Meters (100 feet)
Detection Range	30 Meters (100 feet)
View Angle	58 Degrees
Storage	Supports SD Card up to 256 GB
Power Source	Battery Powered (8x AA or 5x 18650 batteries)
Voltage	6 Volts
Connectivity	SD Card, USB
Water Resistance	IP68 Waterproof
Dimensions (L x W x H)	6 x 12 x 20 cm
Weight	350 Grams
Control Method	Physical Buttons
Recommended Uses	Nature Observation, Wildlife Surveillance, Outdoor Security



Image: The Bolyguard BG662-HQ trail camera in a rainy forest setting, emphasizing its IP68 waterproof and dust resistance. Icons illustrate its resilience against ice, snow, rain, and dust, making it suitable for all weather conditions.

WARRANTY

Bolyguard products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your product packaging for specific terms, conditions, and duration. Keep your purchase receipt as proof of purchase for warranty claims.

SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Bolyguard customer support. Contact information can typically be found on the official Bolyguard website or on the product packaging.

Manufacturer: Bolyguard

Model: BG662-HQ

UPC: [6944053803604](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question