Boly BG590-24mHD

Wildlife Trail Camera User Manual

Model: BG590-24mHD

INTRODUCTION

Thank you for choosing the Boly Wildlife Trail Camera. This camera is designed to capture high-quality images and videos of wildlife with advanced motion detection and night vision capabilities. It features a 32MP camera for crystal-clear photos and 1080p HD video recording, an invisible IR flash for discreet night surveillance, and a robust waterproof design for outdoor use. Please read this manual carefully before operating your camera to ensure optimal performance and longevity.

KEY FEATURES

- **High Resolution Imaging:** Captures 32 Mega Pixel images and full HD 1080P videos with sound recording.
- **Motion Sharp Technology:** Ensures clear images and videos during both day and night.
- **Fast Trigger Speed:** Less than 0.7 second motion-activated trigger time (with side motion sensors enabled).
- **Extended Detection Range:** Up to 100ft long trigger distance with high sensitivity.
- **Invisible IR Night Vision:** 940nm black IR LED lights provide discreet illumination up to 90ft, invisible to the naked eye.
- **Durable Design:** IP56 waterproof protective case for reliable operation in various weather conditions.
- **Integrated Display:** Large 2.0" TFT built-in viewer for playback of photos and videos.
- **Storage:** Supports up to 64GB SD card.

PACKAGE CONTENTS

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

- Boly Wildlife Trail Camera (Model: BG590-24mHD)
- Mounting Belt
- User Manual (this document)

Note: Batteries and SD card are not included and must be purchased separately.

SETUP

1. Battery Installation

The camera requires 8 AA batteries (not included). For best performance, use high-quality alkaline or lithium batteries. Ensure correct polarity when inserting batteries.

1. Open the camera's latch on the side and gently open the housing.
2. Locate the battery compartment.
3. Insert 8 AA batteries according to the polarity indicators (+/-) inside the compartment.
4. Close the battery compartment cover securely.

2. SD Card Insertion

The camera supports SD cards up to 64GB (Class 10 or higher recommended, not included).

1. With the camera powered off, locate the SD card slot.
2. Insert the SD card into the slot with the metal contacts facing down until it clicks into place.
3. To remove, gently push the card in until it clicks, then release, and it will eject.

3. Mounting the Camera

The camera can be mounted using the included mounting belt or a tripod (not included).

- **Using the Mounting Belt:** Thread the belt through the slots on the back of the camera. Secure the camera to a tree or post at the desired height and angle.
- **Using a Tripod:** The camera has a standard 1/4"-20 threaded insert on the bottom for tripod mounting.

Image: Boly Wildlife Trail Camera, showing its camouflage design and how it might appear when mounted in a natural environment. The camera features a dark front panel with a leaf-like pattern over the lens and sensors, and a "BolyGuard" logo.

OPERATING THE CAMERA

1. Powering On/Off

Locate the power switch inside the camera housing. Slide it to the "ON" position to power on the camera. Slide it to "OFF" to power off.

2. Mode Selection

The camera typically has three modes: OFF, SETUP, and ON (or TEST/RUN). Use the mode switch to select:

- **OFF:** Camera is powered off.
- **SETUP/TEST:** Allows you to access the menu, view images/videos, and adjust settings. The LCD screen will be active.
- **ON/RUN:** The camera is in active surveillance mode. The LCD screen will turn off, and the camera will capture photos/videos based on your settings when motion is detected.

3. Menu Navigation and Settings

In SETUP mode, use the control buttons (usually UP, DOWN, LEFT, RIGHT, OK/MENU) to navigate the on-screen menu. Common settings include:

- **Mode:** Photo, Video, or Photo+Video.
- **Photo Size:** 32MP, 24MP, 16MP, etc.
- **Video Resolution:** 1080p, 720p, etc.
- **PIR Sensitivity:** High, Medium, Low (adjusts motion detection sensitivity).
- **Trigger Interval:** Time delay between detections.
- **Time Lapse:** Set intervals for capturing images without motion detection.
- **Date/Time:** Set current date and time.
- **Format SD Card:** Erases all data on the SD card.

4. Viewing Photos and Videos

In SETUP mode, you can review captured media directly on the 2.0" LCD display.

1. Navigate to the "Playback" or "View" option in the menu.
2. Use the UP/DOWN arrows to scroll through photos and videos.
3. Press OK to view a photo or play a video.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and IR sensors. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the low battery indicator appears or when performance degrades. Always replace all batteries at once with new ones of the same type.
- **SD Card Management:** Regularly format your SD card to prevent data corruption and ensure optimal performance. Back up important files before formatting.
- **Storage:** When not in use for extended periods, remove batteries and store the camera in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on.	Batteries are dead or inserted incorrectly.	Check battery polarity. Replace with fresh batteries.
Camera not taking photos/videos.	SD card full, corrupted, or not inserted. Camera in wrong mode. PIR sensitivity too low.	Insert/format SD card. Ensure camera is in ON/RUN mode. Increase PIR sensitivity.
Poor image/video quality at night.	IR flash range exceeded. Obstruction in front of IR sensors.	Ensure subject is within 90ft IR range. Clear any debris from sensors.
False triggers.	PIR sensitivity too high. Camera facing moving branches or direct sunlight.	Decrease PIR sensitivity. Reposition camera to avoid environmental triggers.

SPECIFICATIONS

Feature	Detail
Model Name	Wildlife Trail Camera
Part Number	BG590-24mHD
Effective Still Resolution	32 MP (interpolated), 24 MP (native)
Video Capture Resolution	1080p HD
Trigger Speed	Less than 0.7 seconds
Detection Range	Up to 100 feet
Night Vision Range	Up to 90 feet (940nm Invisible IR)
Display	2.0" TFT LCD
Storage	SD card, up to 64GB (Class 10 recommended)
Power Source	8 AA Batteries (external DC 6V/2A supported, adapter not included)
Water Resistance Level	IP56 Waterproof
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Dimensions (L x W x H)	6 x 3.8 x 3.1 inches
Material	Plastic

WARRANTY INFORMATION

This Boly Wildlife Trail Camera comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or natural disasters.

Please retain your purchase receipt as proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Boly customer support:

- **Website:** Visit the official Boly website for FAQs and support resources.
- **Email:** Refer to your product packaging or the official website for support email addresses.
- **Phone:** Refer to your product packaging or the official website for support phone numbers.

When contacting support, please have your camera model number (BG590-24mHD) and purchase date ready.