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MUDDY MUD-RVLR

Muddy Outdoors Revolver 360 Cellular Trail Camera Instruction Manual

Model: MUD-RVLR

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Muddy Outdoors Revolver 360 Cellular Trail Camera. Please read this manual thoroughly before using the camera to ensure proper function and longevity of the device. Retain this manual for future reference.





Figure 1: Front view of the Muddy Outdoors Revolver 360 Cellular Trail Camera.

Product Overview

The Muddy Outdoors Revolver 360 Cellular Trail Camera is designed for comprehensive outdoor monitoring, offering 360-degree coverage. It captures high-resolution photos and videos, providing real-time updates through cellular connectivity.

Key Features:

- **360-Degree Coverage:** Captures images and videos across a full panoramic view.
- **High-Resolution Imaging:** Up to 36MP photos and 1080p HD videos with audio.
- **Silent Pivoting Motor:** Automatically adjusts to capture movement from various angles.
- **Versatile Capture Modes:** Includes single-zone, 180-zone, and 360-zone options.
- **Fast Trigger Speed:** 0.4-second trigger speed with an 80-foot detection range.
- **Cellular Connectivity:** Provides real-time image and video updates.
- **Durable Design:** IP65 rated for outdoor use.







Figure 2: Front view of the camera with the antenna extended.

Setup Guide

1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that the following items are included:

- Muddy Outdoors Revolver 360 Cellular Trail Camera
- Instruction Manual (this document)

Inspect the camera for any visible damage. If any components are missing or damaged, contact customer support immediately.

2. Battery Installation

The Revolver 360 camera is powered by a 16-piece dual cartridge battery system. To install batteries:

1. Locate the battery compartment on the side of the camera.
2. Open the latch and carefully open the compartment door.
3. Insert the required batteries, ensuring correct polarity (+/-).
4. Close the compartment door securely until the latch clicks into place.





Figure 3: Side view of the camera with the battery compartment open.

3. SIM Card and SD Card Installation

For cellular functionality and image storage, a SIM card and an SD card are required (not included).

1. With the battery compartment open, locate the SIM card slot and the SD card slot.
2. Insert the activated cellular SIM card into its designated slot until it clicks.
3. Insert a compatible SD card (up to 32GB recommended) into the SD card slot until it clicks.
4. Ensure both cards are seated correctly.



Figure 4: Close-up view of the open compartment, showing SIM and SD card slots.

4. Mounting the Camera

The camera offers flexible mounting options:

- **Standard Threaded Mount:** Utilize the ¼" threaded mount on the back of the camera for compatibility with various camera mounts and tripods.
- **T-Post Mounting Bracket:** An optional T-post mounting bracket can be used for secure attachment to T-posts. Ensure the bracket is compatible with the camera's design.
- **Strap Mounting:** Use a compatible strap (not included) to secure the camera to a tree or pole. Thread the strap through the designated slots on the camera body.

Position the camera to ensure an unobstructed view of the desired monitoring area. Avoid placing it directly facing the sun to prevent overexposure.

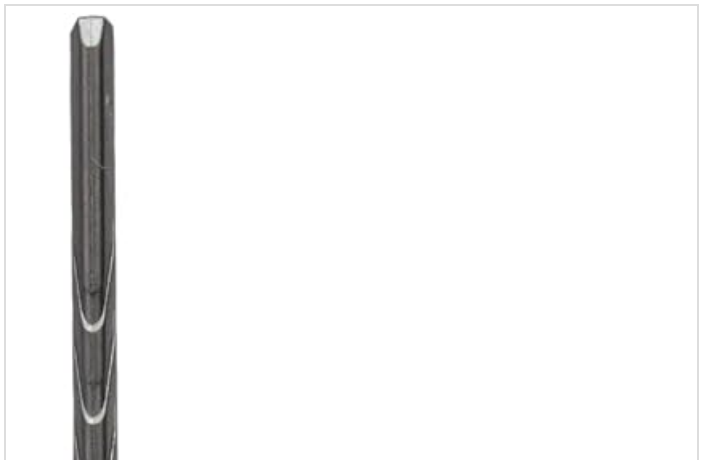




Figure 5: Back view of the camera, highlighting mounting points.

Operating Instructions

1. Powering On/Off

To power on the camera, locate the power switch inside the battery compartment and slide it to the 'ON' position. To power off, slide the switch to 'OFF'.

2. Connecting to the App

The Muddy Outdoors Revolver 360 is app-controlled, compatible with smartphones. Download the official Muddy Outdoors app from your device's app store. Follow the in-app instructions to pair your camera and configure settings.

3. Capture Modes

The camera offers three primary operation settings:

- **Single-Zone Capture:** Focuses on a specific area, capturing images or videos when motion is detected within that zone.
- **180-Zone Capture:** Monitors a wider 180-degree field, capturing events across multiple zones.
- **360-Zone Capture:** Utilizes the full panoramic capability, capturing movement from any direction around the camera.

Select your preferred mode via the mobile application based on your monitoring requirements.

4. Video Recording

The camera records 1080p HD videos with audio. Video settings, including duration and quality, can be adjusted through the mobile app.

5. Real-time Updates and Detection

With a 0.4-second trigger speed and an 80-foot detection range, the camera is designed to capture events quickly. Cellular connectivity enables real-time transmission of captured images and videos to your connected device, providing immediate alerts.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your trail camera.

- **Cleaning:** Periodically clean the camera lens and housing with a soft, dry cloth. Avoid abrasive materials or harsh chemicals.
- **Battery Replacement:** Replace batteries when the power indicator shows low charge. Always use fresh, high-quality batteries.
- **SD Card Management:** Format the SD card regularly to prevent data corruption and ensure sufficient storage space. Back up important files before formatting.
- **Firmware Updates:** Check the Muddy Outdoors app or website for available firmware updates. Follow instructions carefully for installation.
- **Moisture Prevention:** Ensure all latches and seals, especially for the battery and card compartments, are securely closed after access to prevent moisture ingress.

Troubleshooting

If you encounter issues with your camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Camera does not power on	Dead or incorrectly installed batteries; Power switch off	Replace batteries with fresh ones, ensuring correct polarity. Verify power switch is in 'ON' position.
No images/videos captured	SD card full or corrupted; Incorrect settings; PIR sensor blocked	Format or replace SD card. Check camera settings via app. Ensure PIR sensor is clear of obstructions.
Poor cellular signal or no transmission	Weak network coverage; Inactive SIM card; Antenna not properly connected	Relocate camera to an area with better signal. Verify SIM card activation. Ensure antenna is securely attached.
Foggy lens or moisture inside	Improperly sealed compartments; High humidity	Ensure all compartment doors and latches are fully sealed. If moisture persists, contact support.
Camera not fitting T-post	Incompatible T-post size; Missing specific T-post bracket	Ensure you are using the correct T-post mounting bracket designed for the camera, or use alternative mounting methods.

Technical Specifications

Feature	Specification
Model Number	MUD-RVLR
Effective Still Resolution	36 MP
Video Capture Resolution	1080p
Viewing Angle	360 Degrees
Trigger Speed	0.4 seconds
Detection Range	80 feet
Power Source	Battery Powered (16pc dual cartridge)
Connectivity Protocol	Cellular, Wi-Fi
Controller Type	App Controlled
Mounting Type	T-Post Mount, ¼" Threaded Mount
International Protection Rating	IP65
Dimensions (L x W x H)	4 x 4 x 10 inches
Item Weight	1.5 pounds
UPC	888151070208

Warranty Information and Support

For specific warranty details, please refer to the warranty card included with your product or visit the official Muddy Outdoors

website. General warranty terms typically cover manufacturing defects for a limited period from the date of purchase.
For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact Muddy Outdoors customer service. Contact information can usually be found on the product packaging or the official brand website.
You can also visit the Muddy Outdoors Store on Amazon for additional product information and resources.

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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

Answered questions about this manual

Why is my Muddy Revolver 360 trail camera not capturing images in Zone 3 and only capturing a few in Zones 2 and 4, despite clear On-Demand requests?

Based on the Muddy Revolver 360 (MUD-RVLR) manual and the symptoms described, here are the steps to troubleshoot and resolve the zone detection issues: Check Capture Mode Settings: Ensure the camera is set to...

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