

Muddy MUD-MTC20VK

Muddy PRO CAM 20 Megapixel w/Video Instruction Manual

Model: MUD-MTC20VK | Brand: Muddy

1. INTRODUCTION

The Muddy PRO CAM 20 Megapixel w/Video is a high-performance trail camera designed for capturing wildlife activity with exceptional clarity. It features a 20MP camera, 850nm LEDs for discreet night vision, and an 80-foot detection and infrared range. With a rapid 0.5-second trigger speed, it ensures that no moment is missed, capturing both high-resolution images and 720p video at 30 frames per second. This manual provides detailed instructions for setting up, operating, and maintaining your PRO CAM 20 to ensure optimal performance.



Figure 1: The Muddy PRO CAM 20 Megapixel w/Video trail camera, shown with the included 8 AA batteries and 16GB SD card.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Muddy PRO CAM 20 Megapixel w/Video Trail Camera
- 8 x AA Batteries
- 1 x 16GB SD Card
- Mounting Strap (typically included for trail cameras, though not explicitly listed in product details, it's standard)

3. PRODUCT FEATURES

The PRO CAM 20 is equipped with advanced features for reliable performance:

- **Image Quality:** Captures high-resolution images at 20MP, 8MP, or 4MP.
- **Video Resolution:** Records 720p video at 30 frames per second (FPS).
- **Detection Range:** Features an 80-foot detection range for comprehensive coverage.
- **Infrared Range:** 80-foot infrared range for clear night captures using 850nm LEDs.
- **Trigger Speed:** Ultra-fast 0.5-second trigger speed to minimize missed events.
- **Burst Interval:** Configurable to capture 1 to 3 images per triggering event.
- **Display:** Integrated 2.4-inch color TFT screen for easy viewing and menu navigation.
- **Power Source:** Operates on 8 AA batteries (included).
- **Storage:** Supports SD cards, with a 16GB SD card included.
- **Connectivity:** Features Wi-Fi communication technology (as per specifications, though typical trail cameras use Wi-Fi for app connection, not direct internet).
- **Special Feature:** Motion Sensor for automatic activation.

4. SETUP

4.1. Battery Installation

The PRO CAM 20 requires 8 AA batteries for operation. Ensure the camera is powered off before installing or replacing batteries.

1. Locate the battery compartment on the side or back of the camera.
2. Open the latch(es) to release the compartment cover.
3. Insert 8 AA batteries, paying close attention to the polarity indicators (+/-) inside the compartment. Incorrect insertion can damage the camera.
4. Close the battery compartment cover securely until the latch(es) click into place.



Figure 2: Inside view of the PRO CAM 20, illustrating the battery slots on the right and the control panel on the left.

4.2. SD Card Installation

A 16GB SD card is included for storing images and videos. The camera supports standard SD cards.

1. With the camera powered off, locate the SD card slot, typically near the control panel.
2. Insert the SD card into the slot with the metal contacts facing down (or as indicated by the slot diagram) until it clicks into place.
3. To remove the SD card, gently push it in until it clicks, then release, and it will spring out.



Figure 3: The PRO CAM 20 with its front cover open, highlighting the SD card slot on the left side of the control panel.

4.3. Mounting the Camera

Proper mounting is crucial for effective camera placement.

- Choose a sturdy tree or post at the desired height (typically 3-6 feet off the ground).
- Use the included mounting strap to secure the camera firmly. Thread the strap through the designated slots on the back of the camera and around the mounting surface.
- Ensure the camera is level and pointed towards the area you wish to monitor. Clear any obstructing branches or foliage from the camera's field of view.
- For optimal motion detection, position the camera so that subjects move across its field of view rather than directly towards or away from it.



Figure 4: A Muddy trail camera securely mounted to a tree using a strap, demonstrating typical outdoor placement.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

The camera features a simple ON/OFF switch for basic operation.

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

5.2. Menu Navigation

Use the control buttons to navigate the camera's settings.

- **MENU Button:** Press to access the main settings menu.
- **Directional Buttons (Up, Down, Left, Right):** Use to scroll through menu options and adjust settings.
- **ENTER Button:** Press to confirm a selection or enter a sub-menu.



Figure 5: The Muddy PRO CAM 20, illustrating its compact design and the main lens.

5.3. Photo and Video Settings

Customize your capture preferences through the menu.

- **Image Resolution:** Navigate to "Resolution" and select 20MP, 8MP, or 4MP. Higher resolution images consume more storage space.
- **Video Resolution:** Select "Video Resolution" to choose 720p.
- **Burst Interval:** Adjust the number of photos taken per trigger (1-3 images).
- **Trigger Speed:** This camera has a fixed 0.5-second trigger speed, ensuring quick capture.
- **PIR Sensitivity:** Adjust the Passive Infrared (PIR) sensor sensitivity to control detection range and reduce false triggers.
- **Time Lapse:** If available, set intervals for time-lapse photography.
- **Date/Time Stamp:** Ensure the correct date and time are set for accurate record-keeping.

5.4. Viewing Media

Review captured images and videos directly on the camera's screen.

- From the main screen, use the directional buttons to navigate to the playback mode or press a dedicated playback button if available.
- Scroll through your captured photos and videos.
- Press the ENTER button to view a selected image or play a video.
- For larger viewing, remove the SD card and insert it into a computer or compatible device.

6. MAINTENANCE

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

- **Battery Replacement:** Replace all 8 AA batteries when the low battery indicator appears or when performance degrades. Always use fresh, high-quality batteries.
- **SD Card Management:** Regularly format the SD card (after backing up important data) to prevent corruption and ensure smooth operation. Consider having a spare SD card.
- **Lens Cleaning:** Gently clean the camera lens and PIR sensor window with a soft, lint-free cloth. Avoid abrasive materials that could scratch the surfaces.
- **Housing Cleaning:** Wipe down the camera's exterior with a damp cloth to remove dirt, dust, or debris. Do not use harsh chemicals.
- **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.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Camera not powering on.	Low or dead batteries; incorrect battery polarity; faulty batteries.	Replace all batteries with new ones, ensuring correct polarity. Test with a different set of batteries.
Poor quality night images/videos.	Infrared LEDs obstructed; subject too far; low battery power affecting IR performance.	Ensure no obstructions in front of IR LEDs. Position camera closer to the target area. Replace batteries.
Camera not capturing images/videos.	SD card full or corrupted; incorrect settings (e.g., time lapse mode active); PIR sensor obstructed or sensitivity too low.	Format or replace SD card. Check camera settings to ensure it's in photo/video mode. Clear PIR sensor area, increase sensitivity.
Excessive false triggers.	PIR sensitivity too high; camera pointed at moving branches or heat sources.	Decrease PIR sensitivity. Reposition camera to avoid direct sunlight, moving foliage, or heat sources.
Date/Time stamp is incorrect.	Date/Time not set or reset after battery change.	Access the menu and manually set the correct date and time.

8. SPECIFICATIONS

Detailed technical specifications for the Muddy PRO CAM 20 Megapixel w/Video.

Feature	Detail
Model Number	MUD-MTC20VK
Image Resolution	20MP / 8MP / 4MP
Video Resolution	720p at 30 FPS
Detection Range	80 Feet
Infrared Range	80 Feet (850nm LEDs)
Trigger Speed	0.5 Seconds
Burst Interval	1-3 images per triggering
Display Screen	2.4" Color TFT Screen
Power Source	8 x AA Batteries
Storage	SD Card (16GB included)
Connectivity Technology	Wireless (Wi-Fi)
Special Feature	Motion Sensor
Dimensions (L x W x H)	25 x 25 x 25 millimeters (approx. 1 x 1 x 1 inch)

Feature	Detail
Item Weight	454 g (approx. 1 lb)
Manufacturer	GSM Outdoors

9. WARRANTY AND SUPPORT




For warranty information, technical support, or service inquiries, please contact the manufacturer, GSM Outdoors. Retain your proof of purchase for warranty claims.

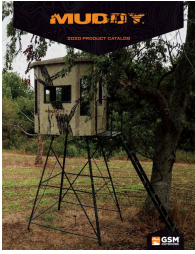
Manufacturer: GSM Outdoors

Contact information can typically be found on the manufacturer's official website or product packaging.

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Related Documents

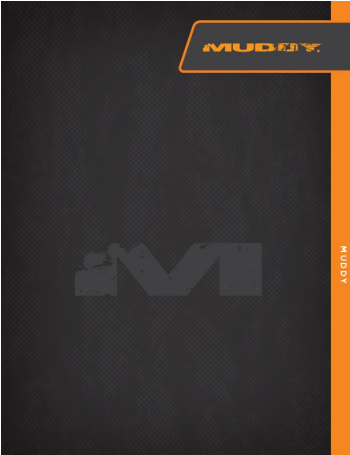
	<p>Muddy Mitigator 2.0 Cellular Trail Camera: Features and Specifications</p> <p>Explore the Muddy Mitigator 2.0 Cellular Trail Camera, featuring 24MP images, 720P HD video, On Demand capabilities via Command Pro app, and Automatic Network Coverage. Ideal for hunting and wildlife monitoring.</p>
	<p>Muddy MTC100K Trail Camera Instruction Manual</p> <p>This manual provides instructions for setting up, configuring, and using the Muddy MTC100K trail camera. It covers features such as detection range, trigger speed, water resistance, and IR LEDs, along with detailed steps for battery and SD card installation, camera configuration modes, viewing and deleting images, frequently asked questions, product care, and warranty information.</p>
	<p>Muddy Hunting Gear and Accessories Catalog</p> <p>Comprehensive catalog of Muddy brand hunting gear, including towers, ladder stands, tripods, climbing systems, harnesses, trail cameras, ground blinds, accessories, seats, backpacks, safety equipment, and knives.</p>



[Muddy 2020 Product Catalog](#)

A comprehensive catalog showcasing Muddy's extensive range of hunting gear, including innovative box blinds, durable ladderstands, versatile hang-on stands, reliable climbing systems, essential safety harnesses, high-performance trail cameras, precision rangefinders, sturdy tripods, practical ground blinds, comfortable seats, and a wide array of specialized accessories designed to enhance the hunting experience.

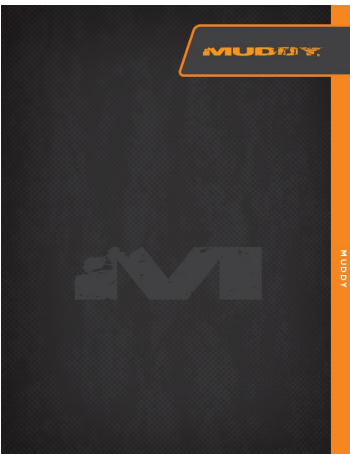
Documents - Muddy – MUD-MTC20VK



[Muddy 2023 Product Catalog: Hunting Gear, Stands, Blinds, and More](#)

Explore the comprehensive 2023 catalog from Muddy, featuring a wide range of hunting gear including towers, ladderstands, ground blinds, trail cameras, harnesses, and essential accessories. Discover innovative products designed for the modern outdoorsman.

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[\[pdf\] User Manual Guide Catalog](#)

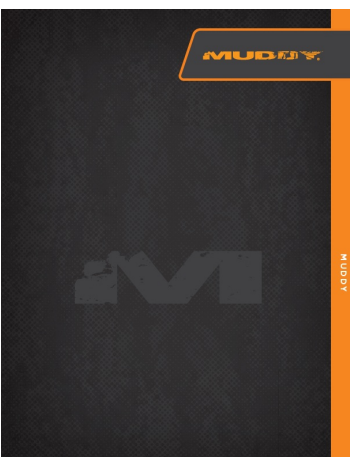
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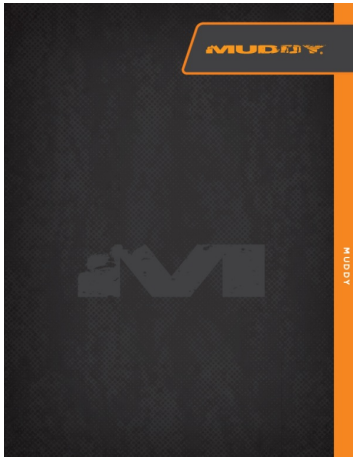


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[Muddy Hunting Gear and Accessories Catalog](#)

Comprehensive catalog of Muddy brand hunting gear, including towers, ladder
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accessories, seats, backpacks, safety equipment, and knives.

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