

SFDSGFVVGDFSEDWRFEDGBFV Mini301

# SFDSGFVVGDFSEDWRFEDGBFV Mini301 Trail Camera User Manual

Model: Mini301

## 1. INTRODUCTION

Thank you for choosing the SFDSGFVVGDFSEDWRFEDGBFV Mini301 Trail Camera. This advanced device is engineered for reliable outdoor wildlife monitoring and home security surveillance, offering high-resolution imaging and robust performance. To ensure proper functionality and maximize your camera's lifespan, please read this manual thoroughly before initial setup and operation.



Image 1: The Mini301 Trail Camera illustrating its diverse applications, including hunting, farm security, wildlife monitoring, and home security.

## 2. KEY FEATURES

- **20MP Photos & 1080P Full HD Video:** Captures crisp 20-megapixel still images and 1080P high-definition video with clear audio.
- **Fast Trigger Time & Infrared Night Vision:** Features an ultra-fast 0.45-second trigger time, a highly sensitive 40° Passive Infrared (PIR) sensor, and 850nm IR LEDs for clear night vision up to 65 feet (20 meters).
- **IP65 Waterproof Design:** Constructed with an IP65 rating, making it resistant to dust and water splashes, suitable for various outdoor environments.
- **User-Friendly Interface:** Equipped with a 2.0-inch LCD display for intuitive menu navigation, file viewing,

and playback. Supports TF/Micro SD/SDHC cards up to 32GB (Class 10 recommended for optimal performance).

- **Compact & Portable:** Its mini size and included mounting strap and wall mount accessories allow for flexible and discreet placement.
- **Extended Battery Life:** Designed for ultra-low energy consumption, providing up to 6 months of standby time with 4 x AA batteries.

### 3. PACKAGE CONTENTS

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Upon unboxing, please verify that all items listed below are present and undamaged. If any components are missing or appear damaged, contact your retailer or customer support immediately.

- SFDSGFVVGDFSEDWRFEDGBFV Mini301 Trail Camera
- Mounting Strap
- Wall Mount Bracket
- USB Cable
- User Manual

### 4. PRODUCT OVERVIEW

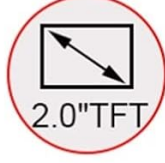
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Before operating your camera, take a moment to familiarize yourself with its physical components and controls.



Image 2: Front view of the Mini301 Trail Camera, displaying its integrated screen, main lens, and accessible control buttons.

# Mini301



# Hunting Camera

*Image 3: The Mini301 Trail Camera with visual indicators for its key specifications: IP65 waterproof rating, 20-megapixel resolution, 1080P video capability, 0.5-second trigger speed, and a 2.0-inch TFT display.*

## 4.1 Camera Components

- **Lens:** The primary component for capturing images and videos.
- **PIR Sensor:** Detects motion within its field of view to activate recording.
- **IR LEDs:** Infrared emitters that provide invisible illumination for night vision recording.
- **LCD Display:** A 2.0-inch screen used for menu navigation, live view, and playback of captured media.
- **Control Buttons:** Includes MENU, PLAY, OK, and directional buttons (Up, Down, Left, Right) for camera operation.
- **Battery Compartment:** Located on the side or back, designed to hold 4 x AA batteries.
- **SD Card Slot:** For inserting a TF/Micro SD/SDHC memory card to store data.
- **USB Port:** Allows connection to a computer for file transfer or external power (if supported).

## 5. SETUP

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### 5.1 Battery Installation

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1. Open the camera's side latch to access the battery compartment.
2. Insert 4 x AA alkaline or rechargeable batteries, carefully observing the correct polarity (+/-) indicated inside the compartment.
3. Close the battery compartment securely to ensure its waterproof seal.

*Note: For optimal performance and extended battery life, it is recommended to use high-quality alkaline or fully charged rechargeable AA batteries.*

### 5.2 SD Card Installation

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1. Ensure the camera is powered off before inserting or removing the SD card.
2. Locate the SD card slot and gently insert a TF/Micro SD/SDHC card (up to 32GB, Class 10 recommended) with the contacts facing down until it clicks into place.
3. To remove the card, gently push it inward until it springs out, then pull it free.

*Important: Always format the SD card using the camera's menu before its first use and periodically thereafter to ensure stable operation and prevent data corruption.*

### 5.3 Mounting the Camera

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The Mini301 offers versatile mounting options using either the included strap or the wall mount bracket.





*Image 4: The Mini301 Trail Camera discreetly mounted on a tree trunk, demonstrating its typical deployment for wildlife observation.*

### Using the Mounting Strap:

1. Thread the provided mounting strap through the designated slots on the back of the camera.
2. Securely fasten the camera to a tree, pole, or similar structure at the desired height and angle.
3. Ensure the camera is stable and positioned to cover the intended monitoring area.

### Using the Wall Mount Bracket:

1. Attach the wall mount bracket to a flat surface (e.g., wall, fence) using appropriate screws (not included).
2. Securely attach the camera to the bracket.
3. Adjust the camera's angle using the bracket's articulation points to achieve the optimal viewing perspective.

## 6. OPERATION

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### 6.1 Powering On/Off

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- To power on the camera, slide the power switch to the 'ON' position. The camera will typically enter a test mode or begin recording based on its current settings.
- To power off, slide the power switch to the 'OFF' position.

### 6.2 Menu Navigation

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Utilize the control buttons to navigate through the camera's menu options displayed on the 2.0-inch LCD screen.

- **MENU Button:** Press to enter or exit the main menu.
- **Up/Down Buttons:** Use to scroll through available menu options.
- **Left/Right Buttons:** Used to modify selected setting values.
- **OK Button:** Confirms the current selection or setting.
- **PLAY Button:** Enters playback mode to review captured photos and videos.

### 6.3 Recording Modes and Settings

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The camera offers various recording modes and customizable settings to suit your monitoring needs.

#### Common Settings:

- **Mode:** Choose between Photo, Video, or Photo+Video capture modes.
- **Photo Resolution:** Adjust the quality of still images (e.g., 20MP, 16MP, 12MP).
- **Video Resolution:** Select the video recording quality (e.g., 1080P, 720P).
- **PIR Sensitivity:** Set the motion sensor's sensitivity level (High, Medium, Low) to prevent false triggers or missed events.
- **PIR Interval:** Define the delay period between consecutive motion detections before the camera triggers again.
- **Time Lapse:** Configure the camera to capture photos at set intervals, regardless of motion.
- **Date/Time:** Set the current date and time for accurate timestamps on your recordings.
- **Format SD Card:** This option erases all data on the inserted SD card. Use with caution.

*For a comprehensive list of all available settings and their detailed descriptions, please refer to the camera's on-screen menu.*

### 6.4 Viewing Files

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You can review your captured photos and videos directly on the camera's display or by connecting the camera to a computer.

#### On Camera:



1. Press the **PLAY** button to enter playback mode.
2. Use the Up/Down directional buttons to browse through your recorded files.
3. Press the **OK** button to play a video or view a photo in full screen.
4. Press the **PLAY** button again to exit playback mode.

**On Computer:**

1. Connect the camera to your computer using the provided USB cable.
2. The camera should appear as a removable disk drive on your computer.
3. Open the drive to access and copy your photos and videos to your computer.
4. Alternatively, remove the SD card from the camera and insert it into a compatible card reader connected to your computer.

**7. MAINTENANCE**

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

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive cleaners or harsh chemicals.
- **Battery Care:** Always remove batteries if the camera will not be used for an extended period to prevent potential leakage and damage.
- **Storage:** When not in use, store the camera in a cool, dry environment, away from direct sunlight and extreme temperatures.
- **SD Card:** Periodically format the SD card to maintain its performance and prevent potential data corruption or recording issues.

**8. TROUBLESHOOTING**

This section addresses common issues you might encounter and provides potential solutions.

Problem	Possible Cause	Solution
Camera not powering on.	Low or dead batteries; incorrect battery polarity; power switch in OFF position.	Replace batteries with fresh ones; ensure correct polarity; slide power switch to ON.
No photos/videos captured.	SD card full or not formatted; PIR sensitivity too low; camera in wrong recording mode; PIR sensor obstructed.	Format SD card; increase PIR sensitivity; check recording mode settings; clear sensor path.
Poor night vision images/videos.	IR LEDs obstructed; objects beyond IR flash range; low battery power affecting IR performance.	Clear any obstructions from IR LEDs; ensure target is within 65ft range; replace batteries.

Problem	Possible Cause	Solution
Camera freezes or becomes unresponsive.	SD card issue (corrupted or incompatible); temporary firmware glitch.	Remove and reinsert SD card; remove batteries for a few minutes to perform a hard reset. Try a different SD card.
Date/Time stamp is incorrect.	Date/Time not set or reset after battery change.	Access the camera's menu and set the correct date and time.

## 9. SPECIFICATIONS

Detailed technical specifications for the SFDSGFVVGDFSEDWRFEDGBFV Mini301 Trail Camera.

Feature	Detail
Model	Mini301
Effective Still Resolution	20 MP
Video Capture Resolution	1080p
Video Capture Format	MPEG-4
Trigger Time	0.45 seconds
PIR Sensor Angle	40°
IR Flash Range	65 feet (20 meters)
Display	2.0 inch LCD
Storage	TF/Micro SD/SDHC card, up to 32GB (Class 10 recommended)
Waterproof Rating	IP65
Power Supply	4 x AA batteries
Standby Time	Up to 6 months
Mounting Type	Wall Mount
Connectivity Protocol	Wi-Fi

## 10. WARRANTY AND SUPPORT

The SFDSGFVVGDFSEDWRFEDGBFV Mini301 Trail Camera is covered by a standard manufacturer's warranty. For specific details regarding warranty terms, technical assistance, or customer service inquiries, please consult

the warranty card included in your product packaging or contact the authorized retailer from whom you purchased the camera.

Please retain your original proof of purchase, such as a receipt or invoice, as it will be required for any warranty claims.

Documents - SFDSGFVVGDFSEDWRFEDGBFV – Mini301

no relevant documents