

VANBAR D300-1520P

VANBAR Trail Game Camera D300-1520P  
Instruction Manual

1. INTRODUCTION

Thank you for choosing the VANBAR D300-1520P Trail Game Camera. This camera is designed for wildlife monitoring, home security, and farm surveillance, capturing high-resolution images and videos with advanced features like night vision and motion detection. Please read this manual thoroughly before use to ensure proper operation and maximize the camera's performance.

2. PRODUCT OVERVIEW

Key Features

- **High Resolution:** Captures 24MP still images and native 1520P video.
- **Fast Trigger Time:** 0.2-second lightning-fast trigger speed.
- **Wide Detection Range:** 120° detection range with a trigger distance up to 30m (100ft) day / 20m (65ft) night.
- **Enhanced Night Vision:** Equipped with 22pcs 940nm non-glow infrared LEDs for clear nighttime images up to 20m (65ft).
- **Durable Design:** IP66 waterproof, drop-proof, and dust-proof for tough environments.
- **User-Friendly:** Features a 2.0" LCD screen for easy setup and viewing.

Camera Components

Familiarize yourself with the main components of your trail camera:

- **Lens:** Captures images and videos.
- **No Glow Infrared LEDs:** Provide illumination for night vision without disturbing wildlife.
- **PIR Sensor:** Passive Infrared Sensor detects motion to trigger recording.
- **2.0" LCD Screen:** For menu navigation, settings adjustment, and playback.
- **Control Buttons:** OK, Menu, Back, Up, Down, Shot.
- **SD Card Slot:** For inserting a Micro SD card (up to 32GB, Class 10 recommended).
- **Mode Switch:** To power on/off and switch between modes.
- **DC Socket:** For external power supply (if applicable).



**24MP**

**16MP**

**1520P/24MP High Resolution**

Design with Sony IMX458 Sensor, Capture Every Wonderful Moment

Image 2.1: Front view of the VANBAR D300-1520P Trail Game Camera.



0.2s Trigger Speed  
Capture Meaningful Moment



Image 2.2: Illustrates the 24MP image and 1520P video resolution capabilities.

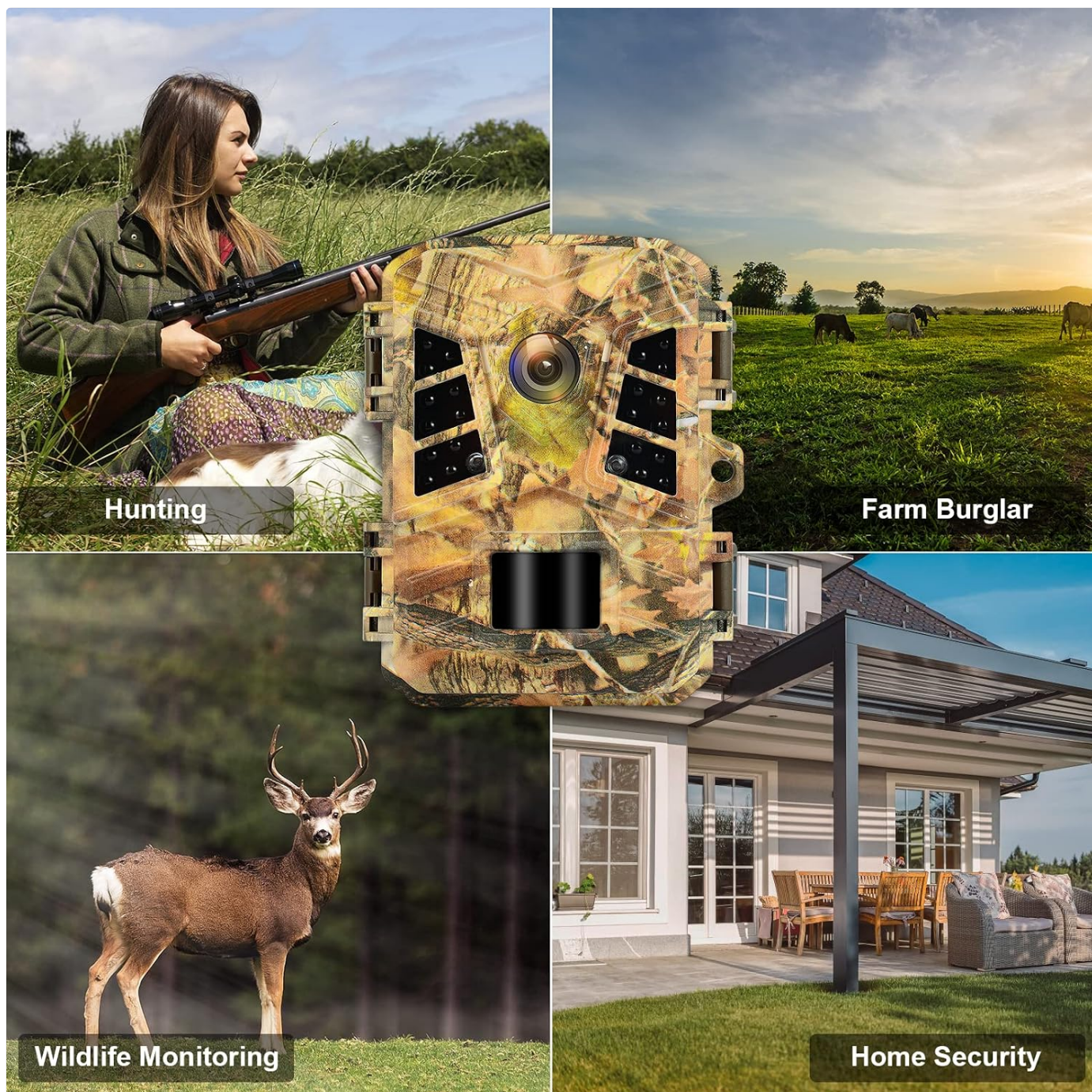


Image 2.3: Depicts the camera's enhanced night vision feature with no-glow IR LEDs.

### 3. SETUP

#### 3.1 Package Contents

Before starting, ensure all items are present:

- VANBAR D300-1520P Trail Game Camera
- Mounting Strap
- USB Cable
- Mounting Bracket and Screws
- User Manual
- 32GB Micro SD Card (Class 10)
- 4 x AA Batteries



Image 3.1: All items included in the VANBAR D300-1520P Trail Game Camera package.

### 3.2 Battery Installation

The camera requires 4 x 1.5V Alkaline AA LR6 batteries for operation. For maximum battery life, use high-quality alkaline batteries.

1. Open the camera's casing by unlatching the side clips.
2. Locate the battery compartment.
3. Insert 4 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment securely.

### 3.3 Micro SD Card Installation

A Micro SD card (Class 10, up to 32GB) is required to store photos and videos. A 32GB card is included.

1. With the camera powered off, locate the Micro SD card slot.
2. Insert the Micro SD card into the slot until it clicks into place. Ensure the card is inserted in the correct orientation.
3. To remove, gently push the card until it clicks out, then pull it out.
4. **Important:** Format the Micro SD card before first use and periodically to ensure optimal performance. This can be

done via the camera's menu settings.

### 3.4 Mounting the Camera

The camera can be mounted using the included strap or mounting bracket.

1. **Strap Mounting:** Thread the provided strap through the slots on the back of the camera. Securely fasten the camera to a tree or pole at the desired height and angle.
2. **Bracket Mounting:** Use the mounting bracket and screws to attach the camera to a wall or other flat surface. Adjust the bracket to achieve the optimal camera angle.

Your browser does not support the video tag.

Video 3.1: This video demonstrates the battery installation, menu navigation, and mounting process for the D300 trail camera.

## 4. OPERATING THE CAMERA

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### 4.1 Powering On/Off and Mode Selection

1. **OFF:** The camera is powered off.
2. **SETUP:** In this mode, you can access the menu, change settings, and view captured media.
3. **ON:** The camera is in active monitoring mode. The screen will turn off after a few seconds, and the camera will begin detecting motion and recording according to your settings.

### 4.2 Menu Settings

In SETUP mode, press the **MENU** button to access the settings. Use the **UP/DOWN** buttons to navigate and **OK** to select. Press **BACK** to exit a menu or return to the previous screen.

- **Mode:** Select between Photo, Video, or Photo+Video.
- **PIR Interval:** Set the delay between detections (e.g., 5s, 10s, 30s).
- **PIR Level:** Adjust motion sensor sensitivity (Low, Medium, High).
- **Capture Num:** Number of photos taken per trigger (1-3 photos).
- **Video Length:** Set the duration of video recordings (e.g., 10s, 30s, 1min).
- **Video Size:** Select video resolution (e.g., 1520P, 1080P, 720P).
- **Language:** Choose your preferred language.
- **Set Clock:** Set the current date and time.
- **Stamp:** Enable/disable date and time stamp on media.
- **Photo Size:** Select photo resolution (e.g., 24MP, 16MP, 12MP).
- **Audio Recording:** Enable/disable audio recording for videos.
- **Time Lapse:** Set the camera to take photos at specified intervals.
- **Loop Record:** Enable/disable loop recording (overwrites oldest files when card is full).
- **Camera Name:** Assign a name to your camera.
- **Security Code:** Set a password for camera access.
- **Format:** Format the Micro SD card.
- **Default:** Restore factory settings.

### 4.3 Viewing Media

In SETUP mode, press the **SHOT** button to switch to playback mode. Use the **UP/DOWN** buttons to browse through photos and videos. Press **OK** to play a video. Press **SHOT** again to return to live view.

## 5. MAINTENANCE

### 5.1 Cleaning

- Wipe the camera's exterior with a soft, damp cloth.
- Clean the lens gently with a lens cleaning cloth.
- **Caution:** Do not touch the PIR (Passive Infrared Sensors) directly after removing any protective foil, as this might cause scratches. While scratches may not affect camera function, careful handling is advised.

### 5.2 Battery Care

- Replace batteries when the low battery indicator appears on the screen.
- Remove batteries if the camera will not be used for an extended period to prevent leakage.

### 5.3 Storage

Store the camera in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

## 6. TROUBLESHOOTING

If you encounter issues with your VANBAR D300-1520P Trail Game Camera, refer to the following common problems and solutions:

| Problem                        | Possible Cause                                                                  | Solution                                                                                                                          |
|--------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Camera not powering on         | Low or incorrectly installed batteries.                                         | Ensure batteries are new and inserted with correct polarity.                                                                      |
| No photos/videos captured      | SD card full, not formatted, or faulty; PIR sensor blocked; incorrect settings. | Format or replace SD card. Ensure PIR sensor is clear. Check camera mode and PIR sensitivity settings.                            |
| Poor night vision quality      | IR LEDs blocked; object too far; low battery.                                   | Ensure IR LEDs are clear. Position camera closer to target. Replace batteries.                                                    |
| Inconsistent triggering        | PIR sensitivity too low; environmental factors (wind, heat sources).            | Increase PIR sensitivity. Reposition camera to avoid false triggers from moving branches or heat sources. Ensure fresh batteries. |
| Camera freezes or malfunctions | Software glitch; faulty SD card.                                                | Remove batteries and SD card, then reinsert. Format SD card. If problem persists, contact customer support.                       |

## 7. SPECIFICATIONS

Detailed technical specifications for the VANBAR D300-1520P Trail Game Camera:

| Feature                    | Specification |
|----------------------------|---------------|
| Model Number               | D300-1520P    |
| Effective Still Resolution | 24 MP         |

| Feature                         | Specification                                                       |
|---------------------------------|---------------------------------------------------------------------|
| Video Capture Format            | MPEG-4 (1520P Native)                                               |
| Trigger Time                    | 0.2 seconds                                                         |
| Detection Range                 | 120° Wide Camera Lens, up to 100 feet (day) / 65 feet (night)       |
| Night Vision Range              | 100 Feet (22pcs 940nm No Glow Infrared LEDs)                        |
| International Protection Rating | IP66                                                                |
| Display                         | 2.0" LCD Screen                                                     |
| Power Source                    | 4 AA batteries (included)                                           |
| Connectivity Technology         | Wireless (Wi-Fi)                                                    |
| Storage                         | Micro SD card up to 32GB (Class 10 recommended, 32GB card included) |
| Item Dimensions L x W x H       | 5 x 2 x 2 inches                                                    |
| Item Weight                     | 1.06 pounds                                                         |
| Manufacturer                    | VANBAR                                                              |

## 8. WARRANTY AND SUPPORT

VANBAR is committed to providing high-quality products and considerate service. If you encounter any product problems or have questions regarding wildlife protection and observation, please do not hesitate to contact our customer service team. We are willing to listen and share, and we can offer you a satisfactory solution at any time. For support, please refer to the contact information provided with your purchase or visit the official VANBAR website.

### 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

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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

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