

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Meidase](#) /

› [Meidase P300 Pro WiFi Trail Camera User Manual](#)

Meidase P300 Pro

Meidase P300 Pro WiFi Trail Camera User Manual

Model: P300 Pro

INTRODUCTION

The Meidase P300 Pro is a non-cellular WiFi trail camera designed for effective wildlife monitoring and security applications. It features dual antennas for an extended wireless range, high-resolution photo and video capture, and a fast trigger speed. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance.

WHAT'S IN THE BOX

- 1 x Meidase P300 Pro Camera
- 1 x 7800mAh Rechargeable Battery
- 1 x 64 GB Industrial SD Card
- 1 x Mounting Strap
- 2 x Antennas
- 1 x USB Cord
- 1 x Instruction Manual (this document)

PRODUCT OVERVIEW

Camera Components

165ft Dual-Antenna Range

Best-in-Class Connectivity – 3× Farther Than Competitors



Figure 1: Front view of the Meidase P300 Pro Trail Camera, showing the lens, PIR sensors, and dual antennas.

- **Lens:** The primary component for capturing images and videos.
- **PIR Sensors:** Passive Infrared sensors detect motion to trigger recording.
- **Infrared LEDs:** Provide invisible illumination for night vision without startling wildlife.
- **Dual Antennas:** Enhance the camera's WiFi connectivity range for remote access.
- **2.4" Color Screen:** Allows for menu navigation, settings adjustment, and playback of captured media.
- **Control Buttons:** Used to navigate the on-screen menu and confirm selections.
- **Battery Compartment:** Located at the bottom, it houses the 7800mAh rechargeable battery.
- **SD Card Slot:** For inserting the included 64GB SD card for data storage.
- **USB Port:** Used for connecting the camera to a computer or for charging the battery.
- **Mounting Points:** Includes a strap pass-through and a tripod screw mount for flexible installation.

SETUP GUIDE

1. Install Battery and SD Card

1. Open the camera's latch and swing open the front cover.

2. Insert the 7800mAh rechargeable battery into the battery compartment, ensuring correct polarity.
3. Insert the 64GB SD card into the SD card slot with the label facing up until it clicks into place.
4. Close the camera cover and securely fasten the latch.

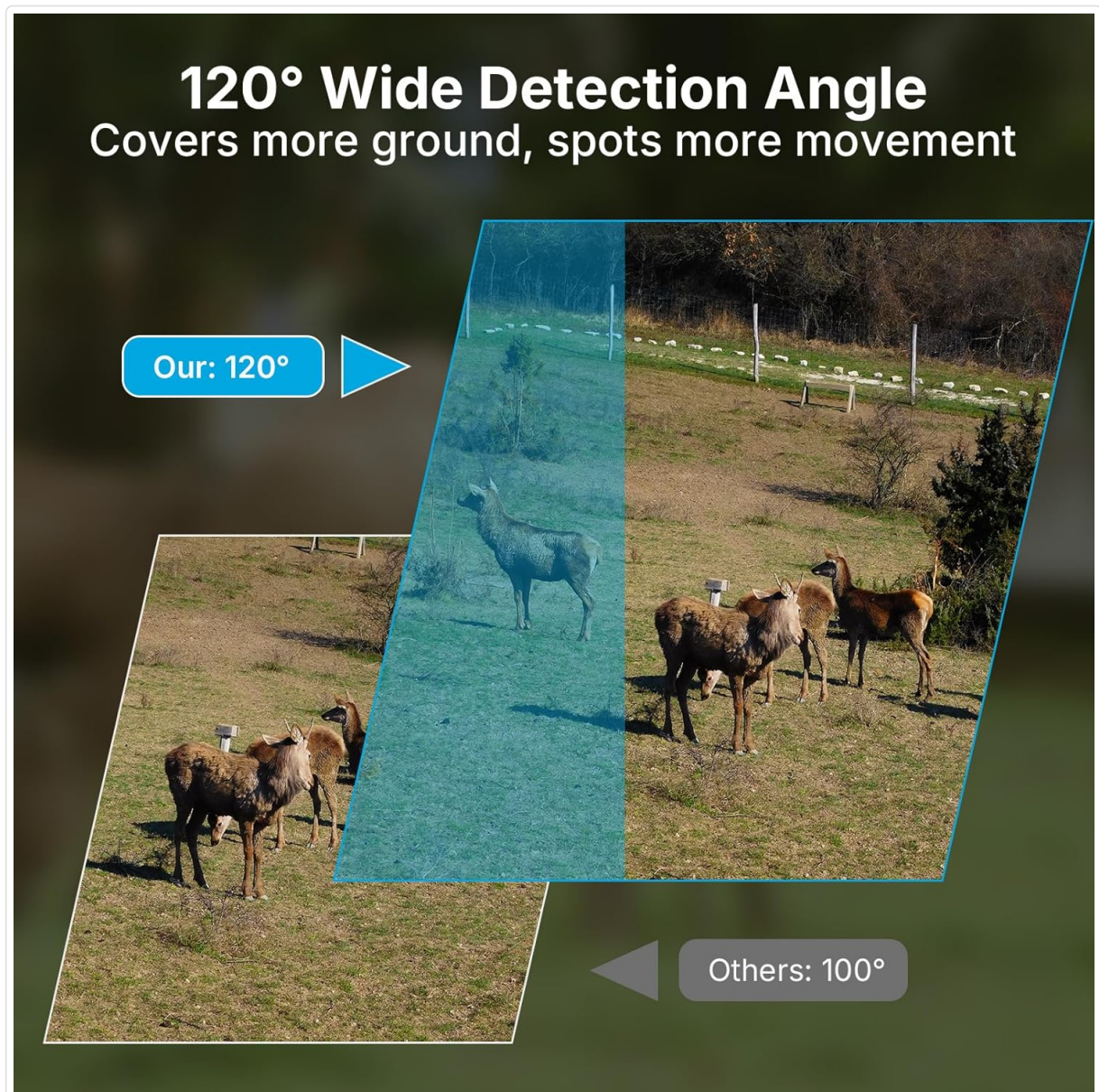


Figure 2: Proper insertion of the rechargeable battery into the camera.

2. Attach Antennas

Screw the two provided antennas onto the designated ports at the top of the camera until finger-tight. These antennas are essential for achieving the optimal 165ft WiFi range.

64MP Photos & 1296p HD Videos with Sound

Crystal-clear wildlife moments, day or night



Figure 3: Meidase P300 Pro with dual antennas installed for enhanced connectivity.

3. Mounting the Camera

Use the included mounting strap to secure the camera to a tree or pole. Ensure the camera is stable and pointed towards your desired monitoring area. The camera also features a standard tripod screw mount for alternative mounting options.



Figure 4: Camera mounted on a tree, illustrating its placement for monitoring.

4. App Connection and Initial Settings

1. Download the "Meidase" app from your smartphone's app store.
2. Enable Bluetooth and WiFi on your smartphone.
3. Open the Meidase app and follow the on-screen instructions to connect to your P300 Pro camera via Bluetooth, then establish a WiFi connection. A home router is not required for this connection.
4. Once connected, use the app to adjust camera settings such as photo resolution (up to 64MP), video resolution (up to 1296p HD), trigger delay, operating mode (photo, video, or photo+video), and time/date.
5. Utilize the Live Preview feature in the app to fine-tune the camera's position and ensure optimal coverage of your monitoring area.



Figure 5: Viewing captured media directly via the Meidase app gallery.

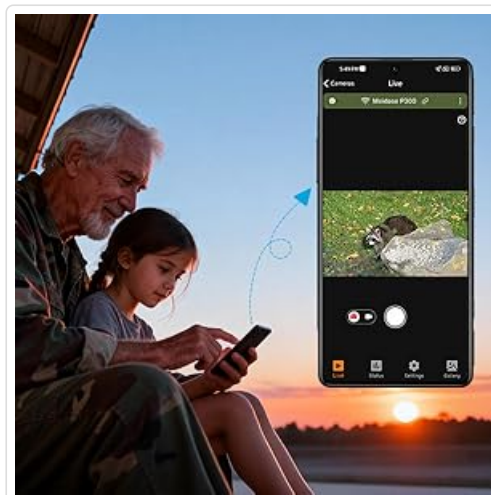


Figure 6: Using the Live View feature in the Meidase app to observe in real-time.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the camera, slide the power switch to the ON position. To power off, slide the switch to OFF. Note that some settings, like turning off the camera's WiFi, may need to be done directly on the camera unit or via the app.

Capture Modes

The P300 Pro supports various capture modes, configurable via the camera's menu or the Meidase app:

- **Photo Mode:** Captures still images at resolutions up to 64MP.
- **Video Mode:** Records video clips with audio at resolutions up to 1296p HD.
- **Photo + Video Mode:** Captures a still image followed by a video clip.

Motion Detection and Trigger Speed

The camera features a rapid 0.1-second trigger speed and a 120° wide detection angle, ensuring that fast-moving subjects are captured effectively. The PIR sensors detect movement within this wide field of view.



Figure 7: Illustrating the rapid 0.1s trigger speed for capturing quick movements.

Night Vision

Equipped with invisible infrared LEDs, the P300 Pro provides clear night vision up to 100 feet without startling wildlife. This "no-glow" feature ensures discreet monitoring in low-light conditions.



Figure 8: Night vision capability with invisible infrared LEDs for discreet monitoring.

Viewing and Downloading Files

Connect to the camera via the Meidase app to instantly view photos and videos. You can download files directly to your smartphone without needing to physically remove the SD card. Videos are saved in MP4 or MOV format.

External Power Options

For extended operation, the P300 Pro is compatible with Meidase SP300, SP350, and SP1000 solar panels (sold separately). Connect a compatible solar panel to the camera's external power port for continuous power.

MAINTENANCE

- **Cleaning:** Regularly clean the camera lens, PIR sensors, and IR LEDs with a soft, dry cloth to ensure clear image quality and proper sensor function. Avoid abrasive materials.
- **Battery Care:** Charge the 7800mAh battery fully before deployment. The optimal operating temperature range for the battery is -20°C to 60°C (-5°F to 140°F). Avoid exposing the camera to temperatures outside this range for prolonged periods.
- **SD Card Management:** Periodically format the SD card using the camera's menu or the app to maintain optimal performance and prevent data corruption. Always back up important files before formatting.
- **Waterproof Design:** The camera has an IP66 waterproof rating, protecting it from dust and strong jets of water. Ensure the battery compartment and all ports are securely closed to maintain water resistance, especially in wet conditions.

TROUBLESHOOTING

Camera not powering on:

Ensure the battery is fully charged and correctly inserted. Check that the power switch is firmly in the ON position.

No photos/videos captured:

Verify the SD card is inserted correctly and has sufficient free space. Check the camera's settings for trigger delay, sensitivity, and operating mode. Ensure the PIR sensors are not obstructed by vegetation or debris.

Poor image/video quality:

Clean the camera lens and IR LEDs with a soft cloth. Check the resolution settings in the camera menu or app. Ensure there are no obstructions directly in front of the camera.

WiFi connection issues:

Ensure the camera's WiFi is enabled. Move closer to the camera to improve signal strength. Restart both the camera and your smartphone's WiFi. Confirm you are connecting to the correct camera network as displayed in the app.

Short battery life:

Reduce the frequency of captures or video length in the settings. Minimize the use of WiFi connectivity, as it consumes more power. Consider using a compatible solar panel for continuous power in remote locations.

SPECIFICATIONS

Feature	Specification
Model Name	P300 Pro
Image Resolution	Up to 64MP
Video Resolution	1296p HD
Trigger Speed	0.1s
Detection Angle	120°

Night Vision Range	Up to 100ft (No Glow IR)
Wireless Range	Up to 165ft (Dual-Antenna WiFi)
Battery Type	7800mAh Rechargeable Lithium Battery (Included)
External Power	Compatible with Meidase SP300/SP350/SP1000 Solar Panels (Sold Separately)
Storage	64GB Industrial SD Card (Included)
Screen	2.4" Color Display
Water Resistance	IP66
Dimensions (L x W x H)	3.4 x 3.9 x 7.2 inches
Weight	1.76 pounds
Material	Acrylonitrile Butadiene Styrene (ABS)

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Meidase website or contact Meidase customer service directly. It is recommended to keep your purchase receipt for any warranty claims.

Official Meidase Store on Amazon: [Meidase Store](#)