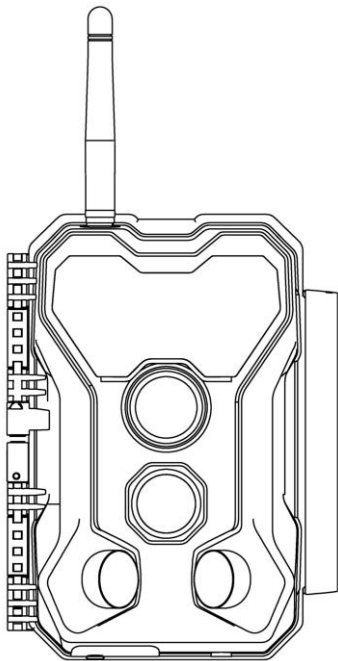


# Meidase

## S965 TRAIL CAMERA



**INSTRUCTION MANUAL**

V1.0

Congratulations on your purchase of one of the best trail cameras on the market! We appreciate your business and want to earn your trust. Please refer to the notes below and the instructions in this manual to ensure that you are completely satisfied with this product.

In case of any further questions or concerns, please get in touch with us at:



**NA, CA&UK: [support@meidase.com](mailto:support@meidase.com)**



**EU: [support.eu@meidase.com](mailto:support.eu@meidase.com)**

or visit our page:



**[www.meidase.com](http://www.meidase.com)**

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## 1. IN THE BOX

1 x Camera, 1 x Mounting Strap, 1 x Antenna, 1 x Cellular SIM card (*pre-installed*), 1 x Instruction Manual, 1 x USB Cord.

*Note: Memory card and batteries are not included (user supplied).*

## 2. IMPORTANT NOTE

### 2.1. About Batteries

Require eight (8) 1.5V AA Alkaline or Lithium batteries. For optimal battery life, we recommend using **Energizer** lithium batteries and external solar panel (*sold separately*).

Do NOT mix old and new batteries. Do NOT mix battery type.

It is not recommended to use rechargeable NiMH batteries (especially 8 AA 1.2V), as their low voltage can cause frequent recharging and affect camera performance.

Remove batteries when the camera is NOT in use.

### 2.2. About SD Card

Require a full-size SDHC/SDXC memory card (maximum capacity 512GB). Recommend using SanDisk 32GB SDHC Class 10 memory cards to obtain the best cost-performance.

**Before first use, please format your SD card in the camera by using "Format SD Card" in the menu settings.**

### 2.3. About Cellular SIM Card

Your camera comes with a pre-installed cellular SIM card. To see which countries and network operators are supported by the cellular SIM card, please refer to the following link: [www.meidase.com/support/carriers](http://www.meidase.com/support/carriers)

Please ensure that the 4G signal is strong in the area where the camera is installed. Your camera **ONLY** supports the

pre-installed GardePro cellular SIM card and is not compatible with any other cellular SIM cards. If you have multiple cellular cameras, please avoid swapping the SIM cards between them.

### 3. PARTS AND CONTROLS

The camera is equipped with 36pcs high efficiency infrared LEDs, LED Indicators, Lens, PIR Sensors, Lock Buckle in front view (Figure 1). **TIP:** During use, the black PIR Lens may be dirty or have scratches, however it does not affect the performance due to the reliability design. If you must clean it, please try to blow it off or pick out the dirt very lightly. Please do not try to wipe it, which may cause more scratches.

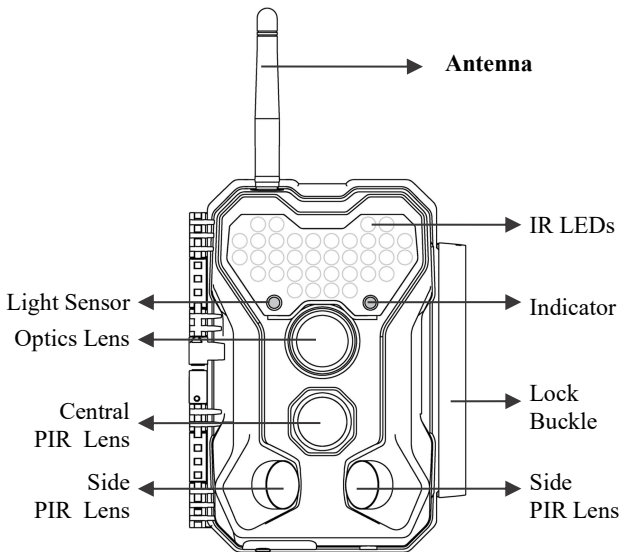
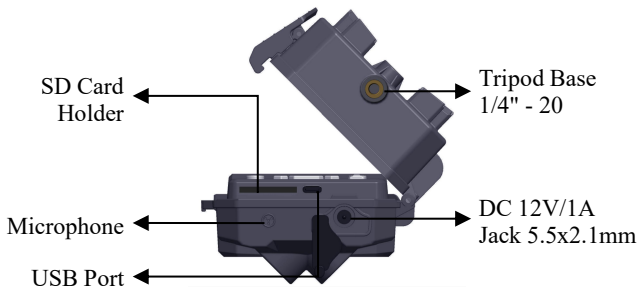


Figure 1: Front View

**Install the antenna:** The antenna is placed in the accessory slot

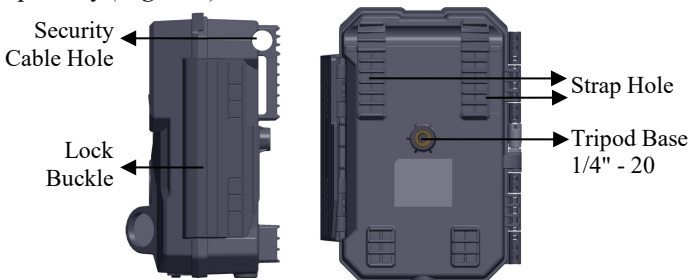
on the right side of the package box. Please screw the antenna into the mounting base on the top of the camera and securely tighten it (*Figure 1*).

The camera provides the following connections for external devices: USB port and DC power slot etc (*Figure 2*).



*Figure 2: Bottom View*

The camera has one security cable hole and two strap holes on the back. The strap can be put through the strap holes and fastened securely around a tree trunk by pulling the end of the strap firmly (*Figure 3*).



*Figure 3: Right / Back View*

The camera has a 2.4-inch built-in LCD screen, which can be

used for reviewing pictures or videos and menu displaying, and unique keypad design for easy program and operation, 8 AA batteries slot supported (*Figure 4*).



*Figure 4: Inside View*

A power switch is used to power on (**ON** mode) or off the camera (**OFF** mode). A **START** button is used to quickly make the camera into the surveillance mode (motion detection) or time lapse per your settings (*Figure 4*). When the camera is in the surveillance mode, press the **START** button to wake up the camera.

## **4. INSTALLING THE BATTERIES AND SD CARD**

### ***4.1. Loading Batteries***

After opening the cover of the battery compartment, you will see that the camera has eight battery slots (*Figure 5*). A full eight batteries must be installed for the camera to operate. Be sure to insert each battery with correct polarity (negative or "flat" end against the long spring of each battery slot).

In **ON** mode when battery power level gets low, the message "**Low Battery**" will show on the screen, please replace the batteries. If the battery indicator shows in RED, this does mean

the batteries are not able to drive IR LEDs flash at night, however the batteries still work at daytime until batteries died. If you want to continue night vision, please replace the batteries.

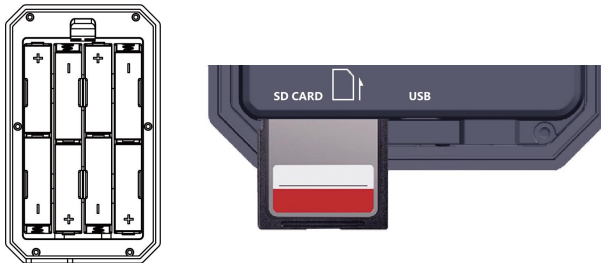


Figure 5: Installation of batteries and SD card

## 4.2. Inserting the SD Card

Insert the SD card (with the camera powered off), before beginning to operate the camera (*Figure 5*).

- Insert the SD card into the card slot with its label side upwards. A "click" sound indicates that the card is installed successfully. Formatting the SD card by using the camera's "**Format SD Card**" menu option before first use is recommended, especially when a card has been used in other devices.
- To take out the SD card, just gently push in the card (do not try to pull it out without pushing in first). Be sure the camera's power is switched **OFF** before inserting or removing SD cards or batteries.

## 5. USING THE CAMERA

### 5.1. Install Meidase Mobile App

Go to the Apple Store or Google Play to install the "**Meidase Mobile**" app on your phone.



*NOTE: The screenshots shown in this section are indicative only. The actual diagram on different versions of app, iOS and Android may differ.*

## **5.2. Add Your Camera**

**Open the app**, Please tap **Cellular Camera**.

The app is an unified app, supports cellular camera and Wi-Fi camera (*sold separately*).

## **5.3. Login Your Account**

Log in to your account to manage your cellular cameras, **please tap Login**. Please enter your account and password to log in.

To add a cellular camera for the first time, you need to sign in. On the Sign In page, tap **Create account**, **enter your email**, **and select the region where your camera is intended to be used**. Then follow the steps to complete your registration.

*Note: Once you have signed up, the next time you log in, or if you forget your password and need to update your password, please make sure that the selected region is correct.*

## **5.4. Activate Camera**

After logging into your account, please make sure your camera is nearby and powered ON.

Once the camera finishes preparing, follow the on-screen steps to enter the QR code screen.

In the app, select S965 series camera, then follow the **Quick Start** steps shown in the app.

At the final step of Quick Start, use the app to scan the QR code

displayed on your camera's screen.

After scanning, the app will take you to the plan selection page. Please choose a subscription plan to continue.

Once you've completed your plan subscription, the camera will begin activating the SIM card.

When activation is successful, the camera will enter the home screen, and the icons at the top will update accordingly (Figure 6).

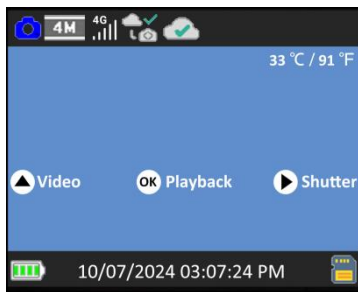












Figure 6: Icons at the top of the camera screen

Wait for the cellular is connected and camera is activated (until the following icons shows on the top bar of camera screen).

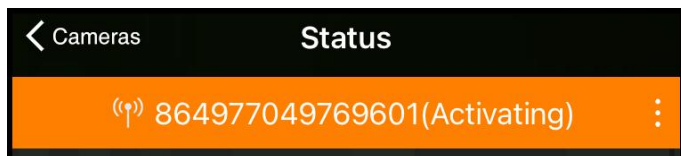


During the activating, there are icons to indicate the cellular status:

Category	Icon	Description
Cellular Signal		No SIM card detected.
		The camera is searching for available cellular network.

		No cellular network service available.
		"4G" indicates the camera is using 4G cellular network, it may automatically change to "3G" (according to local cellular network), and the white "signal bar" indicates signal strength. <i>Note: In 3G or 4G cellular network, the camera can send pictures or videos.</i>
<b>Cellular Connection</b>		Cellular network is not connected.
		The camera is not within the cellular network service area.
		Cellular network is successfully connected.
<b>Device Activation</b>		The camera is not activated.
		The camera and the SIM card is unmatched (e.g. the camera has been bound with other SIM card).
		The camera has been activated successfully.

In the app, once your camera is activated, the orange bar on the camera status page will change to green (*Figure 7- 8*).



*Figure 7: Activating*



Figure 8: Activated



Figure 9: Online

The ID "864977049769601" (cellular ID, just for example) will turn into your camera name (e.g. you have programmed your camera name as "JOHN"). Please note this ID may vary from different camera and its SIM card.

Once "Cellular Instant" is enabled in the settings page of the app, the word "**Online**" (Figure 9) will be displayed in the status bar. (See more in **Section 6 ADVANCED SETTINGS**).

### 5.5. Get the First Picture

After successfully activating the camera, you can get the first photo as follows:

- In the app, go to the **Cameras** list, tap the camera you want to configure, and go to the **Status** tab.
- Tap the **More button** in the top status bar and select **Take a photo** (Figure 10). The camera will take a photo based on your command and upload it via the cellular network.

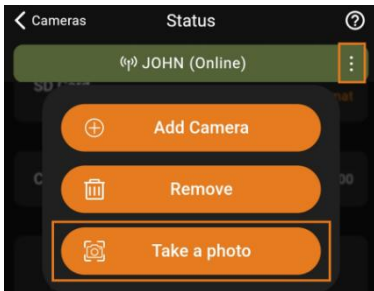


Figure 10: Take a photo

- Wait for a few minutes, then go to the Gallery tab to view the photo sent from the camera.

*Note:* It may take several minutes for the photo to arrive depending on network conditions.

For more details please visit [www.meidase.com/support/cell](http://www.meidase.com/support/cell)

## 5.6. SURVEILLANCE Mode

**SURVEILLANCE** Mode is the monitoring state where the camera automatically captures photos or videos based on your settings.

Once the camera is activated and powered ON, press the **START** button to enter **SURVEILLANCE** Mode. If the Mode in the settings is set as "Motion Detection", the camera will count down a 30-second delay and then be ready to capture images. If the Mode is set as "Time Lapse", there will be no 30-second counting down, and the camera will be ready to enter Time Lapse.

Once in the **SURVEILLANCE** mode, no manual controls are needed or possible (the control keys have no effect). The camera will take photos or videos automatically (according to its current

settings).

***TIP:** You can press the **START** button again to wake up the camera and reprogram your camera if required.*

## 6. ADVANCED SETTINGS

The trail camera comes with preset manufacturer settings. You can change the settings to meet your requirements. Once the camera screen is on, press **MENU** key to enter/exit the menu. Press the **UP/DOWN** key to move the marker, Press the **LEFT/RIGHT** key to change the setting, and press the **OK** key to confirm the change. Always remember to press the **OK** to save the change. Otherwise, you will lose your new setting.

Also you can program your camera in the app.

***Note:** All camera settings programmed through the app will not take effect until the next "Cellular Transfer" cycle. After the setting takes effect, the orange bar on the left of the modified settings will disappear. Considering cellular network transmission speed and power saving, the app will limit photo quality and size, video quality and length. If your camera has not been activated, some settings in the camera menu may be restricted.*

<b>Parameter</b>	<b>Settings (Bold = default)</b>	<b>Description</b>
<b>Cellular</b>	<b>On</b> Off	Selecting On to enable cellular, you can use the app to connect the cellular network. Selecting Off to disable cellular, the camera will operate in stand-alone mode and save battery power.
<b>Activation Code</b>		It is used for activating the camera. Scan it in the app during the setup.

<b>Cellular Info</b>		Details of cellular modem and network, such as Adapter, IMEI, Configure, Status, Signal, SIM, Network, Name, PIN, ICCID, IMSI, APN, PDP etc.
<b>Cellular Instant</b> (Only on app settings)	On Off	By enabling Cellular Instant, you will be able to live stream and receive captures in real-time. However be aware that this may consume more of your data plan and battery power. <b>Note:</b> In order to live stream, a valid live stream add-on data plan must be purchased if there is no valid live stream balance.
<b>Cellular Transfer</b> (Only on app settings)	<b>Transfer on Each Capture:</b> On/Off	Selecting <b>On</b> , the cellular network will send picture to phone after each capture by the camera. <b>IMPORTANT Note:</b> <i>Enabling it will significantly consume battery power due to frequent uploads. Set it to Off in most cases.</i>
	<b>First Transfer time:</b> hh:mm	Select the first time that the cellular network sends picture to phone (if camera has taken photos).
	<b>Transfer Interval:</b> 00:30 -24:00 (1 day)	Select the transfer interval, e.g. 6, 12, 24 hours to conserve battery power. <b>Note:</b> Due to network reasons, the actual transfer time may be delayed few minutes from the specified time.
	<b>Max. Transfer Time:</b> 5, 10, 15, 20 minutes	The maximum time for uploading pictures or videos. In case the uploading is incomplete due to quantities or poor cellular, it will continue in next transfer cycle.

<b>Cellular Photo Quality</b>	320 x 180, 640 x 360	Select desired resolution for Cellular photos ( <i>preview photos in app Gallery</i> ).
<b>Mode</b>	<b>Motion Detection</b>  Time Lapse, Hybrid	In <b>Motion Detection</b> mode, the camera will take photos or videos once triggered. In <b>Time Lapse</b> mode, the camera will take photos or videos periodically according to your preset "Timelapse Interval" parameter. <b>Hybrid</b> mode includes both above.
<b>Photo or Video</b>	<b>Photo,</b> Video, Photo+ Video	Select whether still photos or video clips are taken.
<b>Photo Quality</b>	2MP - 48MP	Select desired resolution for still photos.
<b>Photo Burst</b>	<b>01, 02, 03</b>	Select the number of photos taken in sequence per trigger.
<b>Video Quality</b>	1296p 1080p 720p	Higher resolution produces better quality videos, but creates larger files that take more of the SD card capacity.
<b>Video Length</b>	<b>10 seconds,</b> Optional from 3s to 5m	Select video recording length. <i>Note: It is highly recommended to set the night video length to less than 30 seconds as the IR LEDs will consume more battery power.</i>
<b>Video Sound</b>	<b>On</b> Off	Selecting <b>On</b> will record video with sound. Then press the "OK" button to select the level from high, medium and low. <i>Note: The lite video in the app's gallery page has no sound.</i>
<b>Video Format</b>	<b>MP4</b> MOV	MP4 is the mainstream format in the video industry. Select MOV in case some legacy

		digital camera software must be working with videos in MOV format.
<b>Detection Delay</b>	<b>10 seconds,</b> optional from 3s to 60m	Select the shortest length of time that the camera will wait until it responds to any subsequent triggers from the PIR sensor after a game is first detected. During the selected interval, the camera will not take pictures/videos. This prevents the memory card from filling up with too many redundant images.
<b>PIR Sensitivity</b>	High <b>Medium</b> Low	Select the sensitivity of the PIR sensor. Temperature affects the sensitivity. The High setting is suitable when you want to capture distant objects or capture more, and the Low setting is good for less false trigger.
<b>False Trigger Suppression</b>	<b>High</b> Medium Low	From low to high, the degree of false trigger suppression is gradually increasing. When the camera is experiencing excessive false triggers, such as capturing a large number of photos without any moving objects, it is recommended to set the suppression level to "High".
<b>Side Motion Sensors</b>	On <b>Off</b>	Selecting <b>On</b> will activate the side motion sensors. It brings faster trigger speeds and helps capture fast moving animals. When any of the two side motion sensors detects a motion event, the camera will be pre-activated. While the animal enters the detection area of the center motion sensor, the camera will start taking photos or videos. Select <b>Off</b> to save battery power.

<b>Motion Test</b>		This feature helps you aim the camera at your target area. Please refer to the details in <b>Section 7.2</b> .
<b>Timelapse Interval</b>	<b>First Shot Time:</b> hh:mm	Set the earliest shot time after Time Lapse or Hybrid mode is enabled. If you would like to get photos earlier, it is recommended to set it later than the current time.
	<b>Interval:</b> optional from 3s to 24h	Set time lapse interval. It takes effect ONLY when <b>Mode</b> is set as Time Lapse or Hybrid, the camera will automatically take photos/videos according to the set interval, regardless of whether the PIR sensor has detected any game. This is helpful when observing cold-blooded animals like snakes, or the process of flowering, etc.
<b>Timelapse Period</b>	<b>On</b> <b>Off</b>	Selecting <b>On</b> to set a specific working time period for <b>Time Lapse</b> . You can set up to 2 different time periods for the camera, and it will not capture time-lapse photos or videos outside of those periods. <i>Note: This option is applicable ONLY if the Mode is set as Time Lapse or Hybrid.</i>
<b>GPS</b>	<b>On</b> <b>Off</b>	Selecting <b>On</b> to enable GPS, you can use the app to check the camera's location.
<b>GPS Test</b>		Press " <b>OK</b> " to enter the GPS positioning test. If the latitude and longitude are displayed on the right side of "Location", the positioning function is working properly. If not, please try moving the camera to a different location.

		<i>Note: For best results, please perform this test outdoors.</i>
<b>GPS Interval</b>	<b>1 day</b> <b>3 day</b> <b>7 day</b>	Select the interval for the camera to report GPS location data. Select higher value to reduce battery power consumption.
<b>Date / Time</b>	M/D/Y hh:mm	M – Month, D – Day, Y – Year hh – Hour, mm – Minute <i>Note: Use "LEFT/RIGHT" key to switch, use "UP/DOWN" to set. Date input format may change. Please refer to "Date Format".</i>
<b>Date Format</b>	D/M/Y M/D/Y Y/M/D	Select date format which will be shown on the screen and each capture.
<b>Time Format</b>	<b>12h</b> <b>24h</b>	Select time format which will be shown on the screen and each capture. 12h - AM/PM
<b>Temperature Unit</b>	°C °F	Select temperature unit which will be shown on the screen and each capture.
<b>Camera Name</b>	<b>On</b> <b>Off</b>	Select <b>On</b> to assign a 4-character long in the form of Capital A-Z, 0-9 to record the location in the photos.
<b>Info Strip</b>	<b>On</b> <b>Off</b>	Select <b>On</b> to show date, time, temperature, moon phase on each capture.
<b>Loop Recording</b>	<b>On</b> <b>Off</b>	Selecting <b>On</b> option will cause the oldest files to be overwritten with new captures when the memory card reaches its capacity. With <b>Off</b> option selected, the camera will stop capturing images once the memory card reaches capacity.

<b>Operation Hours</b>	On Off	<p>Selecting <b>On</b> to set a specific working time period for <b>Motion Detection</b>. For instance, if the starting time is set at 18:35 and the ending time at 8:25, the camera will function from 18:35 the current day to 8:25 the next day. Outside the time period the camera will not be triggered.</p> <p><i>Note: This option is applicable ONLY if the Mode is set as Motion Detection or Hybrid.</i></p>
<b>Password</b>	On Off	<p>Set up a 4-digit password to protect your camera from unauthorized users. If the code is lost, you can contact customer support to reset the password.</p>
<b>Format SD Card</b>	Yes No	<p>All files will be deleted after formatting the SD card. We highly recommend you to format the SD card if it has been used previously in other devices. <b>Caution: make sure wanted files on the SD card have been backed up first!</b></p>
<b>Factory Reset</b>	Yes No	<p>Selecting <b>Yes</b> will return all your previous settings back to the manufacturer default.</p>
<b>Advanced Settings</b>		<p>Set the camera SIM card mode to automatic or manual by "Advanced Settings &gt; SIM Services &gt; Multi IMSI &gt; Select Mode", and try the options under "Manual". Please change it with caution. <b>ONLY</b> change it to manual mode if the camera cannot be activated or fails to connect to the 4G network. For instructions on how to set the mode, please reach out to the seller's support or visit:</p> <p><b><i><a href="http://www.meidase.com/support/sim">www.meidase.com/support/sim</a></i></b></p>

<b>Version</b>	Defined	Display the version of the camera.
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## 7. MOUNTING AND POSITIONING THE CAMERA

### 7.1. Mounting

After adjusting the camera's settings to your preferences at home, you can take it outside. When setting it up for scouting game or other outdoor uses, make sure to mount it in place correctly and securely. We recommend mounting the camera on a sturdy tree with a diameter of about 6 inches (15 cm). Position the camera 16-17 feet (5 m) away from the area you want to monitor, and place it at a height of 2.5-3.5 feet (0.75-1 m). For the best night results, keep subjects within 10-100 feet (3-30 m) of the camera.



There are two ways to mount the camera: using the adjustable mounting strap, or the tripod socket.

*Note: The camera features threaded sockets on both the bottom and back, enabling it to be mounted on a tripod or other accessories using a standard UNC 1/4-20 screw (not included).*

### 7.2. Sensing Angle and Distance Test

To test the camera's effectiveness in monitoring your chosen area, follow these steps:

- Switch the camera to the **ON** mode.
- Press **MENU** button, go to "**Motion Test**". The camera will count down for up to 60 seconds before it can capture motion. (*Note: The actual delay may be shorter, depending on how quickly the motion sensor activates.*)
- Close the camera door.
- Make movements in front of the camera at various positions and distances within the expected monitoring area.

- When the white motion indicator LED flashes **RED**, the camera has detected motion. If it doesn't blink, the position is outside the sensing range. (*Note: The red light only blinks when motion is detected within the central PIR sensor's 60° sensing angle. The side sensors have a 30° angle of view and are used to pre-activate the camera; they do not trigger the red light.*)
- The camera will take pictures when it detects motion. After the test, check the screen to see how many times it was triggered and review the images.

The results will help you find the best placement for the camera. Ideally, it should be mounted 2.5 to 5 feet off the ground, depending on the size of the animals you're monitoring.

To prevent false triggers from temperature changes or nearby movement, avoid pointing the camera at heat sources or nearby branches and bushes, especially on windy days.

**Do NOT** install the camera behind glass, as it will not detect motion through the window. Also, avoid aiming the camera at any reflective surfaces.

## **8. REVIEW PHOTOS OR VIDEOS**

After setting up and mounting your camera, you can review the captured images later. The camera stores photos and videos in the folder \DCIM\100MEDIA on the SD card. Photos are named DSCF0001.JPG, while videos are named DSCF0001.MP4. You can play MP4 files on popular media players like Windows Media Player, QuickTime, and VLC.

You have a few options to review the files:

Press the "**OK**" button in the home screen to enter playback mode and view photos or videos directly on the camera screen.

Or with the camera powered on, connect it to your computer using the provided USB cable to view or download files from the SD card.

Or insert the SD card into an SD card reader (*not included*), connect it to your computer, and then view or download files.

## 9. TROUBLESHOOTING

If your camera does not seem to be functioning properly or if you are having photo/video quality issues, please run these simple and quick checks:

- Make sure the camera is powered on and in the correct mode.
- Format the SD card in the camera or replace the SD card, since the SD card is a storage media and sometimes it might be unstable.
- Replace batteries if night vision seems not to be working as expected.
- The dark background of night images is usually caused by strong reflections from the obstacles close to the camera. To get the best night image, please remove close-up obstacles (such as walls or tree trunks) in front of the camera as possible, or adjust the installation position of your camera to avoid these obstacles (*Figure 11*).



*Figure 11: Avoid close-up obstacles in front of the camera*

If your unit is still having trouble, please contact us, providing us with your order number, or **check the website to determine that you are using the latest firmware and app**. Please be assured we will make the things right for you.

## **10. WARRANTY**

### **ONE YEAR LIMITED WARRANTY**

**Your Meidase Trail Camera warranty covers your trail camera for one year after the original purchase date.** We warrant that your camera will be free from defects in materials and workmanship when operated in normal use and conditions. This warranty does not cover consumer caused damages such as misuse, abuse, improper handling or installation, damaged caused by wild animals, or repairs attempted by someone other than our authorized technicians.

We will, at our option during the warranty period, repair your camera or replace it with the same or comparable model free of charge. This warranty only extends to the original retail buyer from our authorized dealer. Purchase receipt, order number or other proof of the date of the original purchase is required to receive warranty benefits. The warranty on any replacement product provided under the original warranty shall be for the remaining portion of the warranty period applicable to the original product.

This warranty extends solely to failures due to defects in materials or workmanship under normal use. It does not cover normal wear of the product.

If you need to return a product under this warranty, please contact your dealer or our distributor.