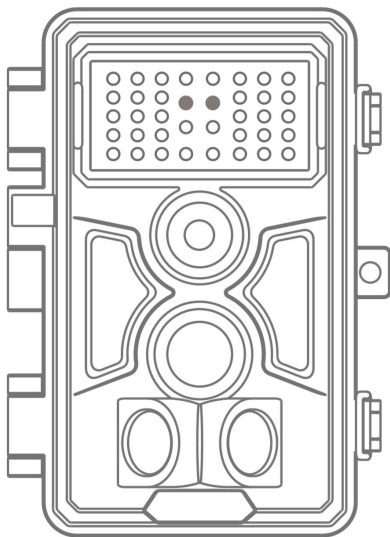


# Meidase

## SL122 Pro



## 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:

**[support@meidase.com](mailto:support@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 Instruction Manual, 1 x Mini USB Cord

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

## 2. IMPORTANT NOTE

Require eight (8) 1.5V AA Alkaline or Lithium batteries. We recommend the use of Energizer AA Lithium batteries in this camera to obtain maximum battery life.

Do not mix old and new batteries. Do not mix battery type. Rechargeable AA batteries are NOT recommended as the lower voltage they produce can cause operational issues. Remove batteries when the camera is NOT in use.

Require a regular SD memory card (max capacity 32GB, Class10). We recommend using SanDisk 32GB SDHC/Class10 memory cards in the camera to obtain the best cost-performance.

### **\* TROUBLESHOOTING \***

If your camera does not seem to be functioning properly or if you are having photo/video quality issues, please check the Troubleshooting/FAQ section.

Problems are often due to something simple that was overlooked, or require only changing one setting to solve.

If your unit is still having trouble, please contact us or check the website to determine you are using the latest firmware.

## 3. INTRODUCTION

### 3.1. ABOUT THE CAMERA

The Meidase SL122 Pro trail camera is a new generation of digital scouting camera, it can be triggered by any movement of game in a location, detected by a highly sensitive Passive Infra-Red (PIR) motion sensor, and then take high quality pictures, or 1080P 30fps video clips with audio.

The camera features the all new innovative and clear imaging technology. The camera encompasses all-new software innovations, smart illumination technology, blur reduction technology, auto noise reduction and dynamic exposure technology to deliver high resolution image quality, multi-zone detection, pre-activated technology and fast boot to deliver 0.2s fast trigger speed and 0.5s recovery time. The camera consumes very little power (less than 0.1mA) in a stand-by (surveillance) state. It can deliver 8 months standby operation time when the device is powered by eight AA 1.5V batteries.

#### **Main features:**

- High quality pictures (up to 16MP still photos) or full HD H.264 video clips with audio. The camera is equipped with an start-of-art image sensor, has exclusive imaging optimization algorithm, takes clear photos or videos even in low light or total darkness. Videos are well compressed in H.264 in compact file size, idea for storing, sharing.
- Clear night vision, flash range up to 70ft. The camera is equipped with 36pcs high performance infrared no glow 940nm LEDs that function as a flash (invisible to eyes).
- 110° wide field of view without any distortion. Equipped with a premium optical lens.
- Easy to use/program with well-designed operation buttons and built-in 2.4-inch LCD color screen, easy to review

pictures and videos on the screen.

- Two working modes – Motion detection and Time lapse.
- Fast trigger time approx. 0.2~0.6 second (pre-activated technology with 3 PIR sensors designed), Fast recovery time less than 0.5 second, Long trigger distance up to 82ft.
- Info strip on each capture: Date, Time, Temperature & Moon Phase.
- Operation hours, Loop Recording, Time Lapse, Password protected.
- Built for any climate - IP66 Waterproof designed for outdoor use and resistant against rain and snow. Operation Temperature -4~+140°F.
- Support SD/SDHC/SDXC memory card, max capacity 64GB (*user supplied*).
- Extremely long in-field battery life up to 8 months in a stand-by state with 8 AA 1.5V batteries (*user supplied*).

### **3.2. APPLICATIONS**

The camera can be used as follows:

- For hunting, trail animals' trace or habit
- For wildlife observing and researching, captures pictures and videos of wild animals
- As sports camera, for riding, driving, camping or exploring
- As motion-triggered security camera, for home, yard, farm, office and community
- All other indoor & outdoor surveillance where invasion evidence needed

### **4. PARTS AND CONTROLS**

The camera is equipped with 36pcs built-in high efficiency infrared LEDs, LED Indicators, Lens, PIR Sensors, Lock Holes in front view (*Figure 1*).

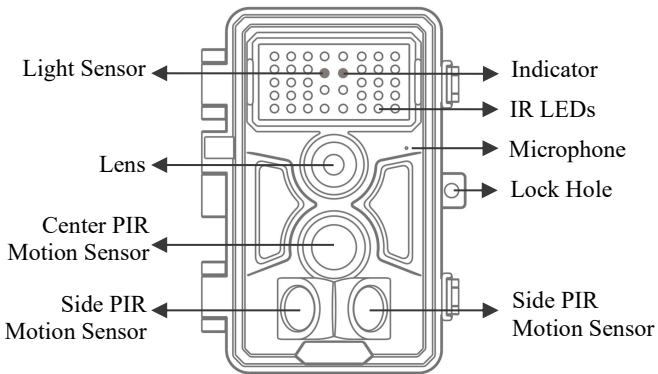


Figure 1: Front View

The camera provides the following connections for external devices: Mini USB port and SD card slot etc. (Figure 2).

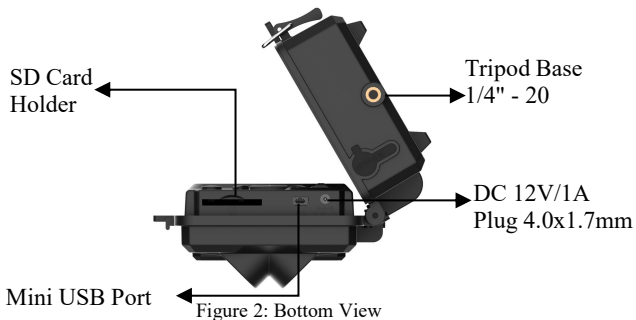


Figure 2: Bottom View

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

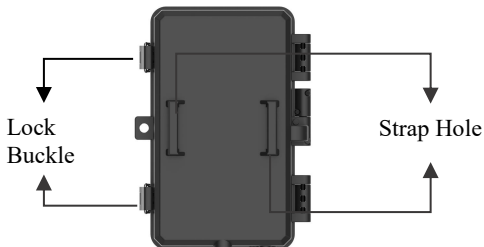


Figure 3: Back View

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

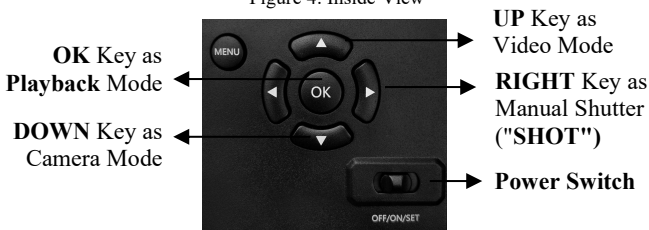


Figure 5: Operation Buttons and Shortcut

A 3-way power switch is used to select the main operating

modes: **OFF, ON, and SET** (*Figure 5*).

A control key interface with six keys is primarily used in **SET** mode to select operational functions and parameters. As shown in *Figure.5*, the keys can also perform a second function (shortcut operations in SET mode) in addition to their main function.

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

Before you begin learning how to use your camera, you will first need to install a set of batteries and insert an SD card. Although that may only take you a minute, there are some important notes about both batteries and SD cards you should be aware of, so please take the time to **read the following directions and cautions:**

### **5.1. LOADING BATTERIES**

After opening the cover of the battery compartment, you will see that the camera has eight battery slots (*Figure 6*). 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).

The camera takes 1.5V AA Lithium or Alkaline batteries. We recommend using 1.5V Lithium AA batteries (Energizer brand) to get maximum batteries lifetime. NiMH Rechargeable can also be used, but they might have a shorter life span due to their reduced efficiency over time and at low temperature, and would not work for night video recording.

On **SET** mode when battery power level gets low, the message "**Low Battery**" will show on the screen, please replace the batteries.

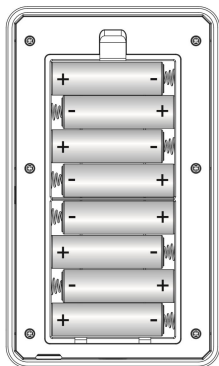


Figure 6: Loading the Batteries

## 5.2. INSERTING THE SD CARD

Insert the SD card (with the camera's power switch in the **OFF** position) before beginning to operate the camera. Don't insert or remove the SD card when the power switch is in the **ON** or **SET** position. The camera uses a regular memory card to save photos (in .jpg format) and/or videos (in .mp4 format). SD and SDHC (High Capacity)/SDXC cards up to a maximum 32GB capacity are supported (*Figure 7*).



Figure 7: Inserting the SD Card

The following describes how to insert and remove the SD card:

- Insert the SD card into the card slot with its label side

upwards. A "click" sound indicates that the card is installed successfully. If the wrong side of the card is facing up, you will not be able to insert it without force, there is only one correct way to insert cards. If the SD card is not installed correctly, the device will not display an SD card icon on the screen in SET mode. **Formatting the SD card** by using the camera's "Format" parameter in the menu settings before using it for the first time 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). The card is released from the slot and ready to be removed when you hear the click. Be sure the camera's power is switched **OFF** before inserting or removing SD cards or batteries.

## 6. USING THE CAMERA

Once you've prepared your camera by properly installing batteries and an SD card, you could simply take it outside, strap it to a tree (or not-according to your application scenario), switch it **ON** and leave-and you might get some great photos that are exactly what you wanted. However, we highly recommend that you first spend some additional time indoors with this manual and your camera until you know a bit more about what the 3-way switch and those control keys do. If nothing else, you'll probably want to at least set the date and time so the camera will imprint them (or not-it's your option) on your photos as they are taken, learn how to set the camera to shoot video clips instead of still photos if you like, and read some tips about mounting it on a tree.

## 7. THE OFF, ON, AND SET MODES

The camera has three basic operational modes:

- **OFF** mode: Power switch in the **OFF** position.

- **ON** mode: Power switch in the **ON** position.
- **SET** mode: Power switch in the **SET** position (screen is on).

### ***7.1. OFF MODE***

The **OFF** mode is the "safe" mode when any actions must be taken, e.g., replacing the SD card or batteries, or transporting the device. And of course, when you are storing or not using the camera, you will switch it to **OFF**. Please note that in the **OFF** mode the camera consumes little power. It's a good idea to take the batteries out of the battery compartment if the camera will not be used for a long time.

### ***7.2. ON MODE***

Anytime after the batteries and SD card have been inserted, you can switch on the camera. When the power switch is moved to the middle position, the camera will enter into the **ON** (Surveillance) mode. If the Mode is set as "Motion Detection", the camera will countdown 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 **ON** 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 parameter settings).

You can either move the power switch directly from **OFF** to **ON** mode, or stop at the **SET** position first to change one or more settings, then move the switch to **ON** after you have finished doing so.

### ***7.3. SET MODE***

In the **SET** mode you can check and change the settings of the camera with the help of its built-in screen. These settings, found

in the menu by pressing **MENU** key, let you change the photo or video resolution, interval between photos, switch the time imprint on, etc. (See more in Section 8 *ADVANCED SETTINGS*).

Moving the power switch to the **SET** position will turn on the screen display, and you will see an information screen that shows how many images have been taken, the battery level, camera or video mode, etc.

*Attention please: In **SET** mode, the camera will automatically enter **ON** mode if there is no operation (key pressing) within 5 minutes. Then the camera will perform as your settings in the menu.*

In the **SET** mode, you can connect the camera to a computer's USB port to download your images.

### ***Shortcut Keys/Functions***

As mentioned earlier in "Parts & Controls", the keypads have secondary, "shortcut" functions when the camera is switched to **SET** mode:

- Press the **UP** key to quickly set the camera to shoot video clips.
- Press the **DOWN** key to quickly set the camera to take still photos.
- Press the **RIGHT** key to manually trigger the shutter. This is useful for testing the camera. The "number of images taken" counter on the top right of the screen will increase by one.
- Press the **OK** key to playback. Then press **UP** or **DOWN** key to navigate the history photo or video if you want. Finally press the **OK** key to exit playback.

## 8. ADVANCED SETTINGS

The trail camera comes with preset manufacturer settings. You can change the settings to meet your requirements. Please make sure that the camera is in the **SET** mode. 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.

<b>Parameter</b>	<b>Settings (Bold = default)</b>	<b>Description</b>
<b>Mode</b>	<b>Motion Detection</b> , Time Lapse	In <b>Motion Detection</b> mode, the camera would take photos or videos once triggered. In <b>Time Lapse</b> mode, the camera would take photos or videos periodically according to your preset "Timelapse Interval" parameter.
<b>Photo or Video</b>	<b>Photo</b> Video Photo+Video	Select whether still photos or video clips or both are taken.
<b>Photo Quality</b>	16MP 12MP 8MP <b>4MP</b> 2MP	Select desired resolution for still photos from 2 to 16 megapixels. Higher resolution produces better quality photos, but creates larger files that take more of the SD card capacity. Larger files require longer time to write to the SD card, which will slightly slow the shutter speed.
<b>Photo Burst</b>	<b>01</b> , 02, 03, 04, 05	Select the number of photos taken in sequence per trigger in Camera mode.
<b>Video</b>	<b>1080P</b>	Select video resolution (pixels per

<b>Quality</b>	720P	frame). 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	Videos are in MP4 format that can be played back on most video players. <i>Note: Night videos are limited to a maximum of 30 seconds to conserve the batteries. If set video length higher than 30 seconds, e.g. 60 seconds, the max recording length at night keeps 30 seconds.</i>
<b>Video Sound</b>	<b>On</b> Off	Selecting <b>On</b> will record video with sound.
<b>Video Format</b>	<b>MP4</b> MOV	MP4 is the mainstream format in the video industry, more compatible with any player. Select MOV in case some legacy digital camera software must be working with videos in MOV format.
<b>Frame Rate</b>	<b>30fps</b> 25fps	When the light works at 50HZ and video flickering occurs, please select 25fps.
<b>Detection Delay</b>	<b>10 seconds,</b> optional from 0s 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 SD card from filling up with too many redundant images. <i>Note: This option is invalid if <b>Mode</b> is set as "Time Lapse".</i>
<b>PIR Sensitivity</b>	<b>High</b> Medium	Select the sensitivity of the PIR sensor. Temperature affects the sensitivity. The

	Low	High setting is suitable when the ambient temperature is warm or you want to capture distant object or capture more, and the Medium/Low setting is helpful in cold weather. <i>Note: This option is invalid if <b>Mode</b> is set as "Time Lapse".</i>
<b>Side Motion Sensors</b>	<b>On</b> Off	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. If the animal enters the detection area of the center motion sensor within 5 seconds, the camera will start taking photos or videos according to the settings, otherwise the camera will re-enter standby mode again.
<b>Motion Test</b>		This feature helps you aim the camera at your target area. Please refer to the details in Section 9.2.
<b>Timelapse Interval</b>	<b>1 hour</b> , optional from 1s to 24h	Setting time lapse interval. It takes effect <b>ONLY</b> when <b>Mode</b> is set as Time Lapse, 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. <i>Note: This option is invalid if <b>Mode</b> is set as "Motion Detection".</i>

<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 parameters, use "UP/DOWN" to set current date and time.</i> <i>Date input format may change. Please refer to "Date Format" parameter settings accordingly.</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> 24h	Select time format which will be shown on the screen and each capture. 12h - AM/PM
<b>Camera Name</b>	On <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 (e.g. A123 for Yellow Stone Park). This helps multi-camera users identify the location when reviewing the photos.
<b>Info Strip</b>	<b>On</b> Off	Select <b>On</b> to show date, time, temperature, moon phase on each capture.
<b>Loop Recording</b>	On <b>Off</b>	Selecting <b>On</b> option will cause the oldest files to be overwritten with new captures when the SD card reaches its capacity. With <b>Off</b> option selected, the camera will erase image capture once the SD card reaches capacity.
<b>Operation Hours</b>	On <b>Off</b>	Select <b>On</b> if you only want the camera to work within a specified time period every day. 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 or take photos/videos.
<b>Password</b>	<b>On</b> <b>Off</b>	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.
<b>Format SD Card</b>	<b>Yes</b> <b>No</b>	All files will be deleted after formatting the SD card. Highly recommend you 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>
<b>Factory Reset</b>	<b>Yes</b> <b>No</b>	Selecting <b>Yes</b> will return all your previous settings back to the manufacturer default.
<b>Version</b>	Defined	Display the version of the camera.

## 9. MOUNTING AND POSITIONING THE CAMERA

### 9.1. MOUNTING

After you've set up the camera's parameters to your personal preferences at home, you're ready to take it outside and slide the power switch to "ON". When setting up the camera for scouting game or other outdoor applications, you must be sure to mount it in place correctly and securely. We recommend mounting the camera on a sturdy tree with a diameter of about 6 in. (15cm). To get the optimal picture quality, the tree should be about 16-17 ft. (5 meters) away from the place to be monitored, with the camera placed at a height of 2.5-3.5 ft. (0.75-1m). Also, keep in mind that you will get the best results at night when the

subject is within the ideal flash range, no farther than 65' (20m) and no closer than 10' (3m) from the camera.

There are two ways to mount the camera: using the provided adjustable web belt, or the tripod socket.

**Using the adjustable strap:** illustrates using the strap on the camera. Push one end of the strap through the two brackets on the back of the camera. Thread the end of the strap through the buckle. Fasten the strap securely around the tree trunk by pulling the end of the strap firmly so there is no slack left (*Figure 8*). *Note: it is not possible to use a cable lock (in the upper part of the bracket) and the strap at the same time.*

**Using the tripod socket:** The camera is equipped with a socket at the bottom end to enable mounting on a tripod or other mounting accessories with a standard *UNC 1/4-20* thread screw (*user supplied*).



*Figure 8: Mounting the Camera*

## **9.2. SENSING ANGLE AND DISTANCE TEST**

To test whether the camera can effectively monitor the area you choose, this test is recommended to check the sensing angle and monitoring distance of the camera. To perform the test:

- Switch the camera to the **SET** mode.
- Select "Motion Test" in the Menu. The camera will countdown a max 30-second delay and be ready to capture motions. (*Note: The delay time may be less than 30 seconds,*

*depending on the actual time of the motion sensor to be activated. The delay time is 30 seconds minus the power-on time.)*

- Close the camera door.
- Make movements in front of the camera at several positions within the area where you expect the game or subjects to be. Try different distances and angles from the camera.
- If the motion indicator LED light (RED light) blinks, it indicates that position can be sensed. If it does not blink, that position is outside of the sensing area. *(Note: The red light will blink only when the motion is within the sensing area of the central PIR sensor. The central sensor's sensing angle of view is 60°. Each of the side sensors has a 30° angle of view, which is only used to pre-activate the camera and accelerate the triggering speed, there is no RED light blinking whatever each of the side sensors detects motions.)*
- In these sensing test, the camera would take pictures once motion captured. When you open the camera, the screen shows the number of times triggered, you can review the pictures on the screen.

The results of your testing will help you find the best placement when mounting and aiming the camera. The height away from the ground for placing the device should vary with the animal size appropriately. In general, 3 to 6 feet is preferred.

You can avoid potential false triggers due to temperature and motion disturbances in front of the camera by not aiming it at a heat source or nearby tree branches or brush (especially on windy days).

Do NOT install the camera behind the glass window as that is not possible to sense any motion. Avoid the camera toward to glass object.

### **9.3. SWITCHING ON THE CAMERA**

The camera supports two working mode "Motion Detection"

and "Time Lapse".

(1) If you set the camera working mode as "Motion detection" in the menu, once you switch to the **ON** mode, the camera countdowns 30-second delay, and then ready to capture, go into standby(surveillance). Any motion that is detected by it will trigger the capture of images as programmed in the menu. Be sure you have read the descriptions of the Detection Delay, PIR Sensitivity parameters.

(2) If you set the camera working mode as "Time Lapse" in the menu, once you switch to the **ON** mode, the camera will be ready to go into "Time Lapse" mode, then take images periodically according to your preset "Timelapse Interval" parameter, regardless of the settings "Detection Delay".

Before leaving the camera unattended, please check for the following:

- Are the batteries inserted with correct polarity and is their power level sufficient?
- Does the SD card have sufficient available space?
- Is the power switch in the **ON** position?

## **10. REVIEW PHOTOS OR VIDEOS**

After you have setup, mounted and activated your CAMERA, you will of course be eager to return later and review the images it has captured for you. The camera stores photos and videos in the folder \DCIM\100MEDIA in the SD card. Photos are saved with file names like DSCF0001.JPG and videos like DSCF0001.MP4. The MP4 video files can be played back on most popular media players, such as Windows Media Player, QuickTime, VLC etc.

There are several different ways this can be done.

You can directly review the photos or videos on the camera screen.

Or in the **SET** mode only, you can use the provided USB cable to download the files to a computer.

Or you can put the SD card to a SD card "reader" (*user supplied*), plug in a computer, and browse the files on the computer without downloading.

## 11. TECHNICAL SPECIFICATIONS

Element	Description
<b>Working Mode</b>	Motion detection or Time Lapse
<b>Max. Pixel Size</b>	16MP
<b>Lens</b>	F=2.0, FOV=110°, Auto IR-Cut
<b>IR Flash</b>	70ft
<b>LCD Screen</b>	2.4" Color screen
<b>Keypad</b>	6 Keys, 1 Power switch
<b>Memory</b>	SD, SDHC or SDXC Regular memory card (Not included), max capacity 32GB
<b>Picture Size</b>	16MP, 12MP, 8MP, 4MP, 2MP
<b>Video Size</b>	1080P@30fps, 720P@30fps
<b>PIR Sensitivity</b>	High/Normal/Low
<b>PIR Sensing Distance</b>	82ft (Below 77°F/25°C)
<b>PIR Sensing Angle</b>	Total 120°(while side motion sensors enabled) Central zone: 60°, Left side: 30°, Right side: 30° Take images only when objects move into the view of central sensor.
<b>Trigger Time</b>	Approx. 0.2~0.6 second (0.2s while side motion sensors enabled)
<b>Trigger Interval</b>	0sec.-60min, Programmable
<b>Shooting Numbers</b>	1~5

<b>Video Length</b>	3sec ~ 5min., Programmable <i>(Note: Max 30 seconds at night time to conserve batteries lifetime)</i>
<b>Info Strip</b>	On /Off
<b>Operation Hours</b>	On /Off, Specific working period of time
<b>Password</b>	4-Digit Code
<b>Camera Name</b>	4-Character (A-Z, 0-9)
<b>Time Lapse</b>	1 Sec. ~ 24 Hours
<b>Power Supply</b>	8x1.5V AA Batteries (Not included)
<b>Stand-by Time</b>	8 Months
<b>Auto Stand-by</b>	Auto Stand-by (Surveillance mode) in 5 minutes while no operation in SET mode
<b>Low Battery</b>	8V - Low Battery (Batteries die) 9V - Night vision is unavailable in low voltage (Almost die)
<b>Interface</b>	Mini-USB, Regular SD card holder, External Power (DC 12V/1A, Plug 4.0x1.7mm)
<b>Mounting</b>	Strap, Tripod Base (1/4-20)
<b>Waterproof</b>	IP66
<b>Operation Temperature</b>	-4~140°F/-20 ~60°C
<b>Operation Humidity</b>	5% ~ 95%
<b>Certificate</b>	FCC & CE & RoHS
<b>Product Dimensions</b>	6.1 x 4.4 x 3.0 inches

## 12. TROUBLESHOOTING / FAQ

### **Q: Camera won't power up**

1. Make sure that you have installed eight batteries in the battery compartment, filling battery all spaces with no "gaps". We recommend using new eight high quality 1.5V AA batteries.
2. Make sure that the batteries are installed correctly, observing proper polarity. Always place the negative (flat) end of each battery in contact with the spring side of its slot inside the camera.
3. After moving the power switch from "OFF" to "SET" or "ON", make sure that the switch is correctly in position to ensure the proper mode (avoid positions "between" two modes).

### **Q: Forget your password? How to reset the password?**

1. Press and HOLD the RIGHT key.
2. Move the power switch to SET position.
3. The camera turns on and password cleared. (Note: the camera would be reset to default settings.)

### **Q: Camera stops taking images or won't take images**

1. Make sure that the camera power switch is in the "ON" position and not in the "OFF" or "SET" modes.
2. Make sure the camera had been powered up for more than 30 seconds to ensure the PIR sensors have been fully activated.
3. Check the "Detection Delay" menu option in SET mode, which is the delay between current capture and next capture, set "Detection Delay" to a lower value if you want more captures.

4. Please make sure that the SD card doesn't reach capacity. The default option is "Loop Recording" disabled, the camera will stop taking images when the SD card reaches capacity.
5. Make sure that you are using a good quality SD card in your camera. We recommend SD/SDHC/SHXC Class10 brand memory card (max capacity 32GB), such as SanDisk, Kingston, Toshiba, Samsung, etc.
6. **IMPORTANT:** If you have used an SD card in another device before inserting it in your camera, you might want to try formatting the card using the "Format SD Card" menu option in SET mode (make sure you have backed up any important files first, as formatting will erase all previous files). In some cases, other devices may change the formatting of the SD card so that it will not work properly with the camera. Or if the SD card has been used for a long time, the SD card might be in unstable status and not able to accept data writing into, in this case, the camera behaves as not triggering and not taking pictures. so please re-format SD card and try again.
7. **IMPORTANT:** Check the batteries to make sure their power level is sufficient. If you are using rechargeable batteries, it would not take nighttime pictures or videos due to the low battery voltage (generally nominal 1.2V and drops down quickly). Please use 1.5V batteries instead.
8. Run motion detection test by "Motion Test" menu option to check whether the motion sensor does work.

**Q: Is it okay to use rechargeable NiMH batteries or lithium batteries?**

Yes. Lithium batteries are better used in cold weather. We recommend using new eight 1.5V Lithium AA batteries (Energizer brand) to get maximum batteries lifetime. NiMH

rechargeable batteries can also be used, but they might have a shorter life span due to their reduced efficiency over time and at low temperature, might not work well to take night picture or video as due to their lower voltage of 1.2V or less. Don't use the batteries' voltage greater than 1.5V which would damage the camera. Don't mix old and new batteries. Don't mix batteries type.

### **Q: Still Photo and/or Video Quality Problems**

#### *1. Short video clips—not recording to the length set*

Make sure that the camera has good batteries in it. Near the end of the battery life, the camera may choose to record shorter video clips to conserve power and make sure that night vision clips quality is relatively acceptable. Please replace batteries and try. Please also be noted the camera records max 30-second video at night to conserve battery power. For further investigation, please send the problem video to customer service.

#### *2. Night photos or videos appear too dark*

Check the battery indicator icon to see if battery power is full. The flash will stop operating near the end of the battery life. You will get the best results when the subject is within the ideal flash range, no farther than 82' (25m) from the camera. Subjects may appear too dark at greater distances. For further investigation, please send the problem video to customer service.

### **Q: Camera takes great day time pictures, but night time pictures are all black.**

Manually take pictures at low lighting place in **SET** mode (such as at dark room indoor).

Review the pictures on camera screen or your computer, if they are still all black, please check the version (by "Version" menu option), send the version and the black pictures to our support email for further assistance.

### **Q: Camera takes continuous images of no subject**

A camera has what is known as a "false trigger" if the PIR sensor thinks that there is motion and heat in front of the camera lens when there is no subject in the image. These "False Triggers" are the result of placing the camera in an environment where there is motion associated with tree branches creating motion in front of the camera or an area where there is high heat in the foreground and any motion from wind could set off the camera. Setting a camera up over water is also a potential cause for this issue. To remedy this situation:

1. Try moving the camera to an area that does not have any of these issues or try changing the PIR sensitivity level from High to Medium or Low on the menu settings.
2. If the camera continues to take images when there is no subject in them, try placing the camera in an inside environment and aiming at a location where there is no motion.
3. If the camera continues to show issues, then there is probably an electronic component issue. If this is the case, please contact our customer service to send the camera back for repair.

### **Q: Battery life is shorter than expected**

1. Battery life will vary with operating temperature and the number of images taken over time. Typically, the camera will be able to capture several thousand images before the batteries die.

2. Check to make sure you have used new batteries. We recommend using eight good quality lithium AA 1.5V batteries in all cameras to obtain maximum battery life.
3. Make sure that the power switch was turned to the "ON" position and that the camera was not left in "SET" mode while in the field.
4. Make sure that you are using a good quality name brand SD card in your camera. Our experience indicates that poor quality SD cards can sometimes reduce your camera battery life.

**Q: There are problems with SD card access, such as not being recognized, the inability to delete photos, read/open photos or videos, etc.**

This trail camera supports standard SD/SDHC/SDXC memory card (max capacity 32GB). In general, for better performance we recommend using brand SD card, such as SanDisk, Kingston, Toshiba, Samsung, etc. When you first use the SD card with your camera, please format your SD card by using "Format SD Card" menu option. **Our experience indicates sometimes SD card might be in damaged or unstable condition, please replace SD card and try again.** Or using SD card reader or computer slot, try to access it and check if the SD card does work.

If your SD card was ever formatted in NTFS format on your PC, it is not possible to be recognized by this camera, please reformat your SD card in your camera by "Format SD Card" menu option, restart the camera after the SD card formatted.

**Q: Photos Do Not Capture Subject of Interest**

1. Check the "PIR sensitivity" menu option. Set the "PIR sensitivity" to "High" to obtain the highest performance. At

normal temperature of 77°F, "High" sensitivity for 82ft detecting distance, "Medium" for 50ft, "Low" for 30ft.

2. Try to set your camera up in an area where there is not a heat source in the camera's line of sight.
3. In some cases, setting the camera near water will make the camera take images with no subject in them. Try aiming the camera over ground.
4. Try to avoid setting the camera up on small trees that are prone to being moved by strong winds.
5. Remove any limbs which are right in front of the camera lens.
6. Don't install the camera behind the window glass.

**Q: Does the camera have a port for an external power?**

Yes. The port is on the bottom of the camera. The camera can work with 12V/1A external power adapter/source (*user supplied*). The cable end of DC must be the circles of 4.0mm outside, 1.7mm inside (that is 4.0x1.7mm) and the central contact point is positive polarity. It is easy to find the cable or adapter on Amazon (searching the items by "DC 12V 1A 4.0x1.7"), or electronic marketplace.

**Q: How to clean or remove the adhesive on the lens during the use?**

Use one soft fabric with dish washing liquid or alcohol to gently swipe.

**Q: Do the scratches on the PIR lenses impact on the camera performance?**

No. Please DO NOT touch the PIR lens after the protective films removed. Any touch might cause scratch on the sensors, however the scratch won't cause the camera performance degradation.

## 13. 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.

## 14. FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device does not contain any user-serviceable parts. Repairs should only be made by an Authorized repair center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and will void your warranty and your authority to operate this device under Part 15 regulations.

The shielded interface cable which is provided must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

