

UOVISION PANDA UV535 8.0MP
Digital Scouting Camera

User's Manual

Quick Start

1. Load 8pcs of NEW 1.5V AA size alkaline batteries, or connect 6 V external power supply. If external power source connected, the batteries can remain inside the camera
2. Insert the SD card (32GB or smaller). Make sure the SD card is not locked. Please DO NOT USE the Micro SD card with adapter. Many micro SD cards are not compatible with trail cameras
3. Slide the power switch to the "SETUP" position to set up the camera
4. Press the "menu" button to enter into the program menu, then press the "up" or "down" arrow buttons for parameter settings as described in the user's manual. Press the "OK" button to save parameter settings and exit
5. Place the camera at the target area and turn on the camera (slide the power switch to "ON") , the camera will take pictures or videos as preset in step 4
6. Press the "▶" to capture photos or record a video manually;
7. Press the "OK" button to review the pictures. Use the "up" or "down" arrow buttons to scroll through pictures LCD display
8. To delete an image in SETUP mode, press the "OK" to review the image, then press "menu" and choose

Delete one, select yes to execute or No to Exit

Key Notes

- a. "menu": enter the program menu.
- b. "▲" "▼" "◀" "▶": for parameter settings as described in the user's manual.

"▲" is the shortcut to choose "Video", while "▼" for the "Photo".
- c. "OK": save parameter settings; Enter the playback mode.
- d. "▶": capture a photo or record a video manually.
- e. Switch: ON in the upper position; SETUP in the middle; OFF in the opposite down position
- f. DC plug in diameter: 4.0mm*1.7mm.

1 Instruction

1.1 General Description

This camera, is a digital animal surveillance camera, triggered by any movement of humans or animals monitored by a high sensitive Passive Infrared (PIR) motion sensor, and then automatically captures high quality pictures up to 8MP or records video clips (QVGA or VGA) according to default settings or preset customer settings.

It takes color pictures or videos under sufficient daylight. While at night, the built-in infrared LED's take clear pictures or videos (monochrome).

There is a 1.7" color LCD display screen on the camera.

It is resistant against water and snow. The camera can also be used as a portable digital camera.

1.2 Camera Body Interfaces

The camera has the following I/O interfaces: USB connector, SD-card slot and external DC power connector.

On the back of camera, there is a lock for theft-proof and an adjuster to change the tilt when mounting on an irregular interface e.g. tree.

Take a few moments to familiarize yourself with the camera controls and displays. It is helpful to bookmark this section and refer to it when reading through the rest of the manual.

Figure 1: Front View

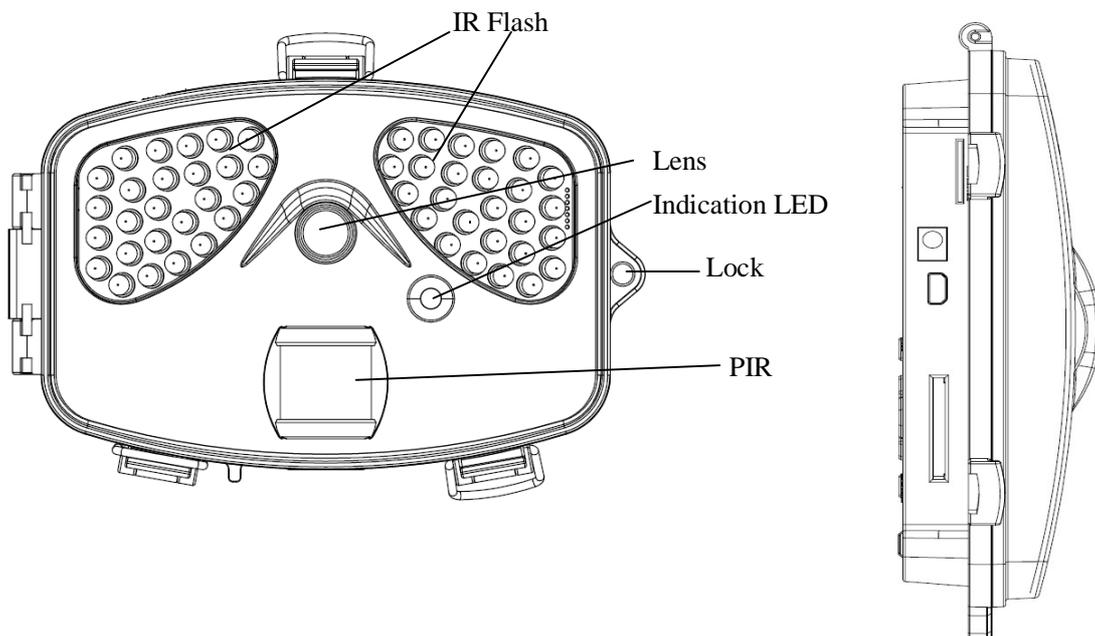


Figure 2: Operation Interface

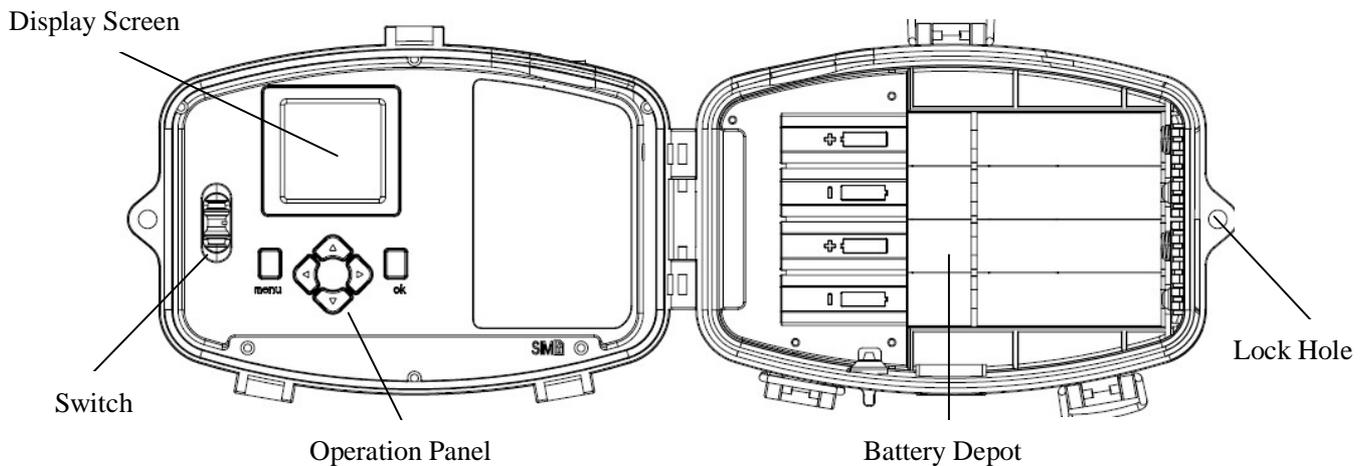
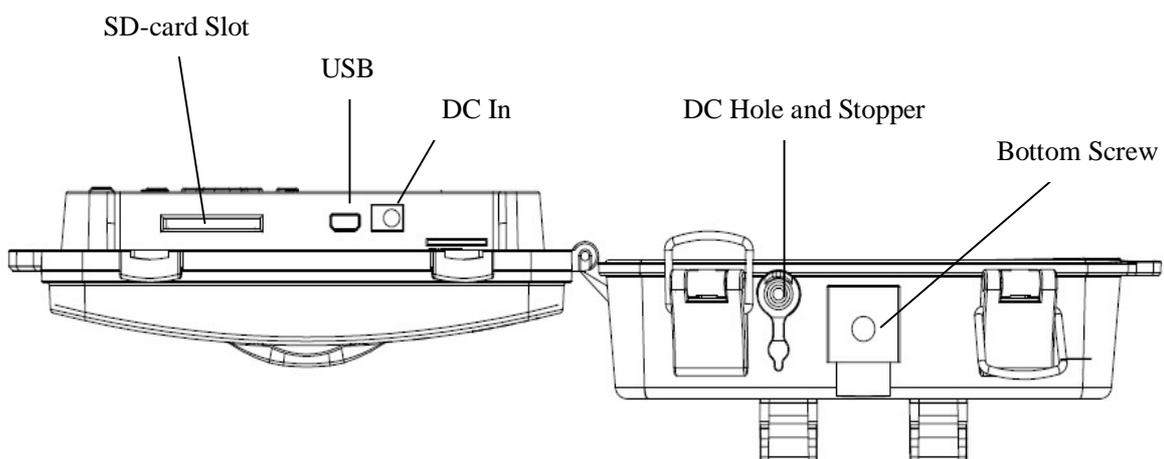


Figure 3: Bottom view



1.2.1 Key Notes

- a. **"menu"**: enter the program menu.
- b. **"▲" "▼" "◀" "▶"**: for parameter settings as described in the user's manual.
 "▲" is the shortcut to choose **"Video"**, while "▼" for the **"Photo"**.
- c. **"OK"**: save parameter settings; Enter the playback mode.
- d. **"▶"**: capture a photo or record a video manually.
- e. **Switch**: ON in the upper position; SETUP in the middle; OFF in the opposite down position.
- f. DC plug in diameter: 4.0mm*1.7mm.

2. Quick Start Guide

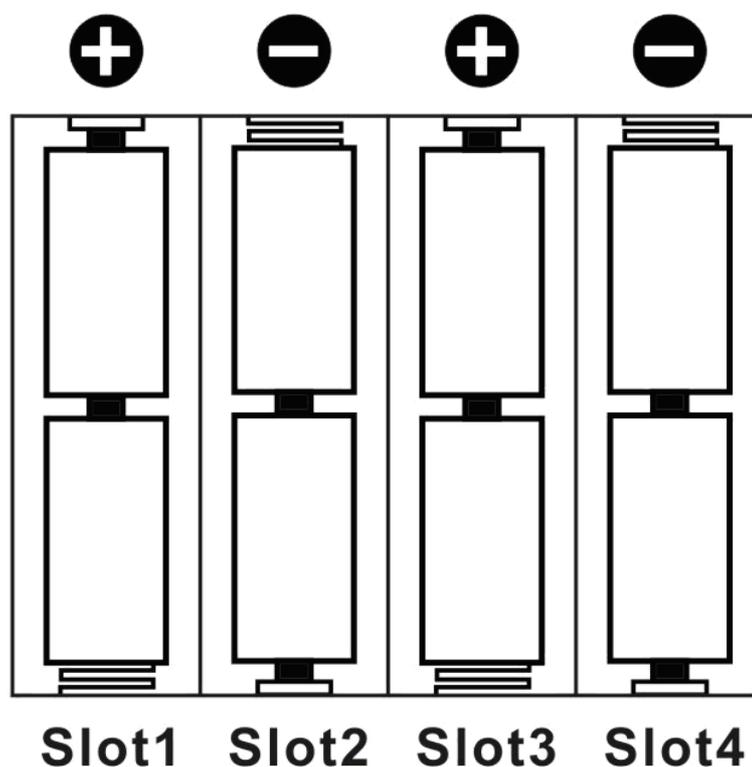
2.1 Power Supply

To supply power for the camera, 8 size AA batteries are needed.

Confirm that the power switch is in the **OFF** position; load the fully charged batteries into the pack according the polarities signs shown below. The following batteries with 1.5V output can be used:

1. High-density and high-performance alkaline batteries (Recommended)
2. Rechargeable alkaline batteries
3. Rechargeable NiMH batteries

There are 4 battery slots. Slot 1 and 2 form one group and is marked "1", slot 3 and 4 form the other group and is marked "2". Only one "group" of batteries is needed to supply power for the camera, but both can be used and is recommended.



2.2 Insert the SD-card

Open the bottom cover. Insert an SD-card into the card slot with unmarked side upwards. Please note that the SD-card is on the "write" (not locked) position, otherwise the camera will not function correctly. Please do not use micro SD cards with adapter.

2.3 Power on and Enter into the ON Mode

Before switching on, please pay attention to the following:

1. Avoid temperature and motion disturbances in front of the camera such as a big leaf, curtain, air-conditioner, air outlet of the chimney and other heat sources to prevent from false triggering.
2. The height from the ground for placing the camera should vary with the object size appropriately. In general, **three to six feet** is preferred.

Slide the power switch to the **ON** position to power on the camera and enter into the **ON** mode.

2.4 Enter into the SETUP Mode

Slide the power switch to the **SETUP** position and enter into the **SETUP** mode. There are some functions in **SETUP** mode: Custom settings, manual capture and send MMS manually.

2.4.1 Custom Settings

Press **menu** on the user interface to enter into the menu setting. The camera can be adjusted to manually customize the camera settings which display on the LCD screen on the camera. The detailed operations will be described in the "Advanced Operations" chapter.

2.4.2 Manual Capturing

You can press "▶" to manually capture photos or record a video.

2.4.3 View Images or Videos

Use LCD screen to view the captured images or videos:

Press "**OK**" to view images, the latest image or video will be shown in the LCD screen on the camera. Press "▼" to view the previous image and press "▲" for the next.

The detailed operations like deleting images or videos will be described in the "Advanced Operations" chapter.

2.5 Power Off

Slide the power switch to the **OFF** position to power off the camera. Please note that even in the **OFF** mode, the camera still consumes a small amount of battery power. Therefore, please remove the batteries if the camera is not in use for some time.

3 Advanced Operations

Settings Menu and Default Settings

To view the camera settings menu, switch the camera to **SETUP** mode and press **menu**, the main menu and the default settings are under below charts:

Main menu

Setting Items		Description
CAM	Camera Mode	Choose Photo or Video.
	Photo Size	Choose the image size, 3MP, 5MP, 8MP
	Photo Burst	Choose the continuous shooting numbers after each triggering.
	Video Size	Choose the video size (QVGA or VGA)
	Video Length	Set the video length as of required
PIR	Sensitivity	High, Low, Normal and Off selectable
	Trigger Interval	The duration the camera will stop functioning after each triggering.
	Time Lapse	Time lapse function defines the camera records/captures automatically every preset time period (5seconds~8hours), which doesn't work if it is set to Off.
	Start-Stop	Start-stop " On " means that the camera works only during that preset time; Start-stop " Off " means that the camera works round the clock.
SYS	Set Clock	Enter to set the Date and Time
	Time Stamp	Choose "On" or "Off" to show the time on the picture or not.
	Flash Range	Infrared Flash range: 15m
	Password	The default password is 0000 . Choose OFF to stop this function.
	Language	English (Preset), we provide the choice for customer to choose the language, pls contact your distributor for assistance.
	Beep	Customer can choose ON/OFF when operating the cameras.
	Overwrite	ON/OFF, if choose "ON" The camera writes off the previous taken pictures and continues to record new pictures/videos, thus, the SD-card is recyclable, customer

		needs not to change SD card frequently.
	Default Set	Restore all customer settings to default values.
	Format	Format the SD-card.

Press **LEFT** or **RIGHT** and **UP** or **DOWN** to select the desired options, And then press **OK** to save.

4 Playback

4.1. Viewing Photo or Video

- a) Switch to **SETUP** mode;
- b) Press "**OK**" to enter the playback mode and view the latest picture (or video) in LCD screen on camera;
- c) Press "**▲**" to view the next picture (or video) and "**▼**" for the previous.
- d) Press "**OK**" again to exit playback mode.

4.2. Delete Photo or Video

- a) Press "**OK**" to view the image (or video) which to be deleted;
- b) Press "**menu**" button;
- c) Press "**▲**" or "**▼**" to choose Delete one, then press "**OK**" and select yes to execute or No to Exit;

Please note that after deleting a picture or a video file, the deleted files can't be restored!

4.3. File Numbering

Images and videos are saved in the pre-named folder. File numbering continues by adding one to the last number for each new image or video. Saving names are IMAG0001.JPG or IMAG0001.AVI. Through the suffix you can distinguish whether the file is an image (with suffix .jpg) or a video (with suffix .avi).

Appendix □: Technical Specifications

Picture Resolution	8MP, 5MP, 3MP
Lens	F/NO=3.0 FOV(Field of View)=52°
IR-Flash	15m
Display Screen	1.7" LCD
Memory Card	From 8 MB to 32GB
Video Resolution	VGA(16fps) ; QVGA(20fps)
PIR Sensor	Multi Zone
PIR Sensitivity	Adjustable (High/Normal/Low)
Trigger Time	1.2s
Weight	0.35 kg
Operating Temperature	-20 - +60°C
Interval	0s – 60 min.
Photo Burst	1–3
Video Length	5–60s
Power Supply	8×AA
Stand-by Current	< 0.25 mA (<6mAh/Day)
Power Consumption	600 videos (interval=5min,video length=10s) ; >600 MMS(use 8*AA batteries)
Low Battery Alert	LED Indicator
Display Screen	LCD display on camera
Sound Recording	Not Available
Mounting	Rope/Belt/Python lock
Dimensions	103 x154 x76 mm
Operation Humidity	5% - 90%
Security authentication	FCC, CE, RoHS

*without battery

Appendix II: Parts List

Part Name	Quantity
Digital Camera	One
USB Cable	Not Available
Belt	One
User Manual	One

The camera manufacturer provides 12 months of warranty service for this product against manufacturing defects or malfunctions. If your camera fails to function under normal use within 1 year, the camera manufacturer will repair or replace the camera at no charge. The **purchase receipt must be included from an authorized retailer to validate the warranty**. Improper use of the camera resulting in damage is not covered by this warranty.

The camera manufacturer can provide repair service, after the warranty expiration. The customer will be responsible for any charges on parts, labor and shipping costs. Please contact the manufacturer for more details.

Please remove the batteries when not in use. Warranty is not covering battery leaks or battery related malfunctions.