

Instruction Manual

(Ref. 853S-1; rev. 20150130)

WildSpy Solar Cam Outdoor Products

Solar Powered IR Time Lapse Scouting Camera

Model No: AC-853S

This unit has been designed to support the **WildSolar system** and will keep your wildspy camera on the go without worrying battery issue in wild field. It is fulfill an intelligent concept that the solar source is powered in priority and, alkaline battery will works for backup in order to avoid camera run out of working during a long period of cloudy days. Device is built-in a 8M pixels high-resolution digital camera with many benefits of advanced features and technology while trying to simplify a hunting game as easy as possible. To help achieve this, the controls are divided into two sections, Digital Camera Control section and Motion Sensor Control section. Setting and operating with upper buttons for the digital camera is similar to operate as many other traditional digital cameras that you are already familiar with. The 2.4' color screen on top allows you to view pictures in the field and program for general camera options. Another small LCD and the buttons on the lower displays and control all scouting settings of the motion sensor to let you know all details of current scouting status immediately when you just open the cover.

Not only be a scouting camera, it is an all in one solution for creating Time Lapse images. All shots will be converted to a time lapse video with our recommended free software. Just turn it on, set the time interval and shot capacity, frame your subject, let it record, you will get amazing time lapse videos during scouting period !

Features

- Taking Up to 8 Mp high quality pictures and 720P HD (1280x720) video when a motion is detected.
- Programmable Time Lapse Capturing even scouting event is on duty.
- Dual power supported. Intelligent design with priority Solar Powered and 4 pc alkaline batteries as a back up
- Date and Time Stamp on each picture and video
- All video clips with natural audio sound
- Voice Hunting Diary / Memo recording
- Built-In 2.4" Color Screen for viewing images and videos in field
- 1.0s Fast Capture at Night Shot under Fast Trigger mode
- Two modes for extending long battery life and Turbo snap shot speed
- Card Slot support up to 32G SDHC card
- Auto switching IR-cut filter for true color of day time pictures and videos
- Motion detect on duty selection: DAY – NIGHT – 24 HOUR
- Video length option: 3 ~ 90 seconds.
- TV out port support NTSC and PAL TV
- USB port for downloading images to computer and firmware upgrade
- Solar power port to accept 6V/1V DC input from solar pack or equivalent
- Powerful Infra-Red flash to take monochrome clear picture and video at night within 50 feet.
- Separated LCD screens and keys to simplify setting for camera and motion sensor controls
- PIR Pause setting option: 0,1,3,5,10,20,30,60 minutes silent time
- Quick Shot mode allowed for more detection up to 3 events before to next period of pause.
- Burst Mode for upto 5 rapid shots in one event
- Low Battery indicator
- Motion Sensor Radar Icon for Sensor ON- Duty status
- Memory Full Icon
- Video mode Icon
- Walk-Test / In-Used light for Distance and setup
- Dial for adjusting sensitivity of motion sensor
- Back light for Scouting LCD viewing.
- Optional Back up Alkaline Battery : D cell x 4 pcs

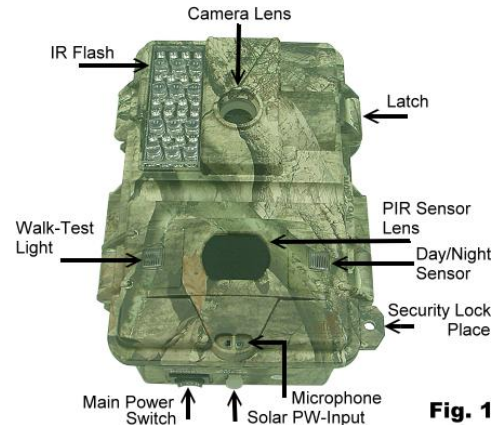
Accessory Included

- USB Cable x1
- AV Cable x1
- Main unit x1
- Belt Strap x1
- Lens Hood x1
- Instruction Manual x1
- Steel mounting kit x1 (Optional; bracket plus U bar provides stronger security, it may not including in this packing)

OPERATING INSTRUCTIONS

Preparation

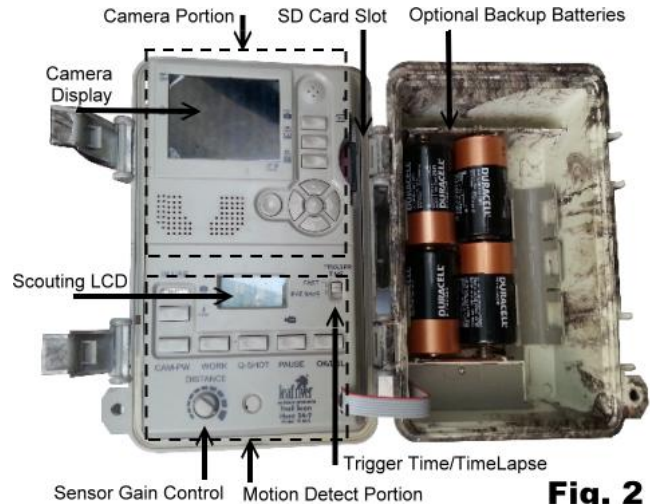
1. Remove the Steel security bar (Optional parts) and open the front door by pulling up the two latches on the side of the cabinet. Push the Main power switch to OFF (Center).
2. If you are ready to use a solar pack, need to charge the solar power controller for 100% full by any standard cellphone charger which is available with 5V/1V output..
3. Install 4 pcs D type Alkaline batteries to the compartment optionally. It is recommended if the solar pack is not ready while you want to configure the camera and they will be used as a back up power in normal operation.
4. This camera must be required a SD card to operate. Before replacing for another SD card, be sure the Main PW switch is already at OFF position in order to avoid the data in the SD might be flushed. After that, formatting the new SD card firstly before operation will be highly recommended if it is the first time to be used in this device.



Quick Start

An easy way below to tell you step by step for getting a quick start, it will run under the **factory default Settings** if you do not change any parameter.

1. Push the main power switch which is allocated in the bottom of out-side cabinet to ON
2. After PW is ON, system will be ready for setup. Press CAM-PW to switch On the Camera.
3. Set the initial date and time for the Camera and choose either at Picture or Video mode. (See the paragraph below for "**Date and time Setting**"; **Still Picture / Video Mode**)
4. Set other parameters of scouting and exit the setting mode after finished. (See more paragraphs about the **Setting for Motion Sensor** below). You can ignore this step if you still are not yet understand what they are.
5. Put it on table or hang unit on a steady tree around 1 meter height with the attached belt and set the motion PIR sensor almost point to the area which you wish to monitor.
6. Slide the main PW switch to TEST and turn the Sensor Gain Control to Max. (Clock-wise) as well as wait for after 1 minute. After the SELF-TEST light goes OFF, try to walk in front of motion sensor to verify how much distance and a zone you will be detected according to the blinking walk-test light .
7. Push PW back to ON and you can leave. Now the scouting camera will be ready to work stand-by after 10 seconds. Once an event will be detected, camera will take a shot to save an image as well as event counter will increase a record automatically.



Factory default settings

For Camera: Capture = Single Picture / Auto Exposure / 3M pixels resolution / Burst Mode = Off / Shutter Speed = Auto / Quality = Normal / Stamp = ON / Language = English / TV = NTSC / Download = MSDC / Video Resolution = VGA 640x480 / Frame rate = 15 F/S / Time Lapse = OFF / Camera Mode = IR Flasher / Video Sound = Enable

For Motion detection: Pause = 1 minute / Quick-Shot = 1 / Turbo = PW-Save / Work Duty = 24 HRs / 3 seconds Video length

Start up with User's Setting

It is suggested to customize your settings after you have experience to use this device for a few times.

Switch the PW ON, the lower scouting LCD show the **default settings**. You can able to program with your desired parameters instead of the Factory default. When the unit exit from setting mode or no change since PW ON, it will goes to the motion detection ON Duty mode automatically after 1 minute.

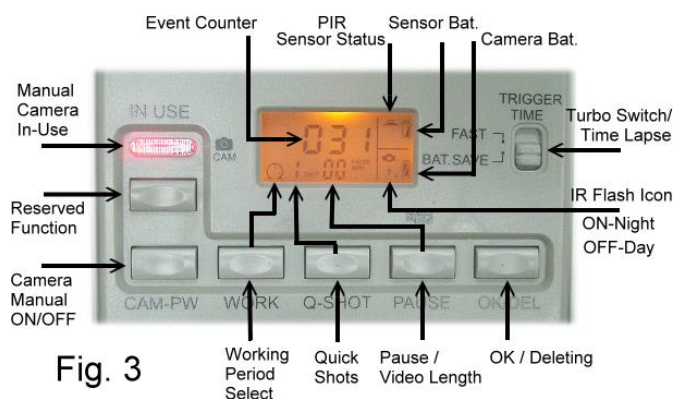


Fig. 3

Setting for Motion Sensor Operation (PIR Sensor)

The settings explanation below is referred to keys on the lower portion of the inner panel. See the Fig.3

Select ON DUTY for Day, Night or 24 hours

The **WORK** button is pressed once to enter the 24 HOUR > NIGHT > DAY options, the 24 (Clock) On Duty icons will be blinking. Press the key again to move the blinking icon to the SUN; Moon. Press the OK/DEL key on right to accept for the desired status and then it become stable. The **Clock** icon is represented for motion detection will be valid 24 hours. The **SUN** is represented for day working. The **MOON** is represented for Night only. If ON Duty is ready, an animation Radar will run to show the device can sense a motion in this period.

Select for Quick Shot

Quick Shot allows for more images to be taken if **additional motions may be detected** after the 1st motion and the camera will still be ready for more shots of instant motions. If the Burst mode is set for OFF, you can choose 1~3 additional events which will allow camera to shot between every 20 seconds in order to have a group images when many animals are passing-by. "1" is the default that only one picture to be taken and then goes to PAUSE time. "2" or "3" will re-arm the sensor for taking shots in further the second and third event if more animals are following. (Example of use: On a trail when you want a picture of what is following the first young deer. Like a smart buck, it always walk on the last). A time-out of each shot is around 20 seconds. The system will goes to Pause mode after a total number of events are done or time-out. Note: This function is not the same as the burst mode. Burst will be used for difference purposes.

Pause Time

This is a silent period between motion sensor does able to detect each event for a capture. The sensor will not work within the gap. You can select 00, 01, 03, 05, 10, 20, 30, 45, 60 minutes for a PAUSE option. Press the PAUSE button once to enter for setting. Press again to change the blinking No. until the desired time appearing. Press OK/DEL to accept it.

Change for Movie Length

This option will let you determine how long for each video to take. There are 3, 5, 10, 20, 30, 45, 60, 90 seconds of video length to be selected. The PAUSE key is shared for two functions. Press and hold the PAUSE key for 3 seconds, a blinking video camera icon will appear to let you know you already enter for video length setting mode. Then press PAUSE repeatedly until your desired length appears. Confirmed by the OK/DEL key.

NOTE: To take Video during scouting, not only to preset a video length, you also must be required to change for VIDEO mode in the camera setting. Otherwise, the device still does take pictures.

OK/DEL

It is a key for shared with two functions. Any time you have done to program the WORK, Q-SHOT and PAUSE / Video Length, just press the OK/DEL key to accept a new change. On the other hand, press and hold it with 3 seconds, it perform the DELETE function that all event counts on the scouting LCD will be cleared. All

images and videos in camera are still safe even the event counter is cleared to zero.

Event Counter

Three digits in the center of the lower scouting LCD let you know how many motion records that up to 999 events for a trail history. If you want to renew the counter, simply to press and hold the OK/DEL button until LCD become blinking, then it will resume to [000].

Battery Icon

Low Bat-icons represent a total power capacity either from the solar pack or back up battery and will indicate three status as below:

GOOD: Battery Icon show with solid.

LOW: Battery Icon is half blank.

BAD: Battery icon is totally blank.

Note: When the blank icon is noticed and the device is working with battery without solar power connected, you have to replace all batteries for brand-new completely. Do not try to replace some of them only. Solar power will not charge the internal back-up batteries.

Important: Since this unit detects batteries becoming bad and the blank battery icon does appear, the unit will no longer to work at night period but still will take pictures or video at day time.

Walk-Test / Sensitivity Adjustment

The **DISTANCE** dial on inner panel is used for adjusting sensitivity of the motion sensor. By turning the dial to the right, sensor sensitivity is set to the Max to detect animal over 40 feet away. You may reduce the detection distance for taking with a larger animal target in a picture. **Walk-Test feature** is used to verify the detection range and pointing zone before placing it in the field. After hanged the unit on a tree, push the PW switch to Walk-TEST. The Walk-Test LED will light up last 1 minute to warm up. (The animation radar with TEST alert on the small LCD is remaining blinking during Walk-Test mode). Then, Walk-Test Light will goes off and will alert with 3 times flashing once you will be detected within the scan zone. Now you try to go far away to check how long the PIR motion sensor will still see you. The camera does not take any picture in this test process.

Note: The system will resume back to normal ON DUTY mode automatically after 3 minutes (Time-Out) since the last triggered detection of walk-test to avoid user may forget to push the PW switch back to ON before he left.

PW-ON Mode

This is a main PW switch in the bottom of cabinet. Since it is pushed to ON mode, the unit will run warm- up for 20 seconds, then start to detect motion event. When an animal or human is detected, an event will be recorded and the camera will shot immediately. If you want to stop system operation, simply slide it to OFF.

OFF Mode

Slide the PW to the center position turn the system power OFF. All pictures and current settings will be remained and internal real time clock will still run if either solar pack or back up battery are installed.

Note: Remember to remove all batteries if this camera will be no longer to use

Turbo /Time Lapse Shot

There is switch on the right of the scouting LCD. Push the knob to **Fast Trigger** mode, the DC will be set for fast capturing. In this mode, capture speed will be more than 2x faster than setting in the BAT-Save while a motion is detected. Setting of BAT_SAVE will be only ideal for extending battery life. On the other hands, it is used to enable the Time Lapse Shot while you have set the camera for Time Lapse mode. (See more paragraphs about the *Setting for Time Lapse Option* below)

Setting for CAMERA / Operation

Description for Camera Operation Keys

SHOT / PREVIEW / DISPLAY / MENU (Center Key) /Navigation Disk / SOUND

CAM-PW (Camera Power Button)

Before programming for the camera, be sure Main Power switch at ON position and camera is working under

manual mode.

Once you press CAM-PW to switch ON the Camera, the IN-USE Light will stay ON. it always works at the default in LIVE mode. DC-PW small red light on the right top will alerts for a second to show camera start up already. But camera screen is remaining dark until either DISPLAY or PREVIEW key is pressed. In this case, you can either change any setting of camera, view pictures, take a picture manually, download pictures to PC. When you do finish using the camera, remember to turn the camera OFF by pressing the CAM-PW button again.

Note: During camera is ON mode manually, motion sensor will stop scanning.

Description for Camera Operation Keys like Navigator

Keys / Function Keys / Menu Button, they are located in the upper portion of the inner panel. See Fig.4

There are two modes that called **DISPLAY (LIVE VIEW)** and **PREVIEW (PLAY-BACK)** for operating the camera.

Menu Key (OK Key)

The key bring up the menu tabs under CAMERA is ON manually. It is also used for accepting a new change. All camera settings will be programmed with 2 titles of setting tabs.

Navigator Disk

Four side keys represent for the **Left / Right / Up / Down**. Select a title that you wish to change by pressing the left or right navigator key. Highlight your choice from an item under the displaying title by the Up or Down Key. Press the RIGHT to enter further options and change it with UP/DOWN keys. And press OK to confirm. After finish a setting, quit to the main screen by pushing LEFT key.

More Function Keys

Shot key : It is used for taking picture or video manually in LIVE mode and Play-Back media files in PREVIEW mode. Push it to take a picture at any time while camera start up manually even TFT screen still is remaining OFF (screen is always OFF by default) . For taking a video clip manually, your 1st press SHOT to start taking, a stop watch counter will work and press again to stop.

Preview key: (Play-Back)

Press PREVIEW key, camera will be switched to Play-Back mode and show the last image. It is also a springboard to skip between Live View and Play-Back mode. During in Play-Back mode, the DISPLAY key become as a spring board for Enlarge View an image vs Thumbnail pictures / videos. So, you have two ways to enjoy and search entire images /videos.

Display key : (Live)

Press it to turn on the screen for LIVE mode, then press it repeatedly to change for more status like turn ON screen > Clean Up Screen > Resume information on screen.

Sound key:

It is a KEY that you want to record a diary voice memo on camera manually, push this toggle key to switch between camera and sound recorder mode instantly.

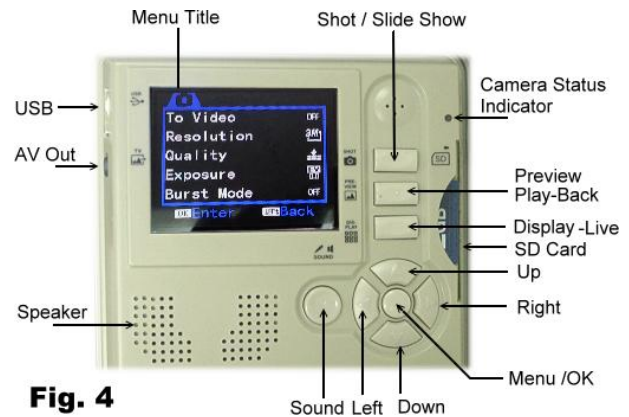
Menu Title (2 Tabs) for Camera Operating Modes

There are two main menus. Once camera is ON manually, press MENU key to access the setting menu that consist 2 titles: A. System Setup Mode; B. Working Option Mode. Both Live View and Play-Back menus are including their related titles which described as below:

A. System Setup Mode

Press MENU to enter to Working Option Mode firstly, and then press the **RIGHT** key, you will enter to System Setup Mode, see the items below by pressing DOWN key. Then, enter to further options change by pressing the RIGHT key, push the MENU key to confirm a change. Finally, press LEFT to quit the menu. If you want to skip to the **Current Working Mode**, press the UP key to the top of menu, then, press LEFT to highlight the **Working Mode Tab**. See the options on **System Setup Tab** as below:

1. Video Sound > On /Off
2. Camera Mode > IR /Strobe Flasher (Not support a strobe flasher with this model)
3. Date & Time: a. 2013/01/01 12:00 / b. YYYY / MM / DD (Calendar Display Format)
4. Language: a. English / b. French / c. Chinese
5. TV out: a. NTSC (Default setting, Used in North America) / b. PAL



6. USB
 - a. MSDC (Default for frequently used to download files to PC under all Windows platform)
 - b. PCCAM (Only for upgrade Firmware purpose)
7. Format (Erase Everything in entire storage media)
8. Reset All Yes = Proceed (Select it to restore all factory default settings)
9. Time Lapse > On /Off
 - a. Time Lapse Interval
 - b. Time Lapse Capacity

Video Sound : Default is ON.

You can disable a sound recording for all video clips when an in-need for security against a legal issue .
Camera Mode : Default is IR Flash. This model does not support Strobe Flash. So, always ignore this option.

Date and time Setting

Update with your local time firstly here. After entering to the option, press Right key to move the High light for calendar pattern and change it by Up or DOWN key. Press Menu to accept.

Format

After proceed this function, every things in the card will removed completely. Be careful before proceeding.

Time Lapse Shot : Default is Off (See more paragraphs about the *Setting for Time Lapse Option* below)
 While you enable this function, press DOWN key for two further options to program how you will take shots.

- a. **Time Lapse Interval** : Set your desired a periodic time of shots
- b. **Time Lapse Capacity** : Set a number of total shots you expect to create a Time Lapse Video future.

B. Working Option Mode

You have two ways that entering to this working option mode. When you press MENU key while camera is ON manually, or you will do not highlight any item in System Setting Menu and press the LEFT for the Working Option Mode. In this mode, you will find difference options depend on you are currently at PIC or VIDEO status

Single (Picture) Mode: There are several items below by pressing DOWN key:

1. Switch To Video
2. Resolution : a. 3264 x 2448 (8 Mp) / b. 2592 x 1944 (5 Mp) / c. 2048 x 1536 (3 Mp) /d. 1024 x768 (1.3 Mp)
3. Quality : a. Super Fine / b. Fine / c. Normal (Adjust Image quality, it will affect capture speed to slow down)
4. Exposure : - / + Adjust (Adjusting for brightness of image instead of factory default)
5. Burst Mode : OFF > 2 > 3 > 4 (Off = 1 shot for an event; 4 =4 images will be captured repeatedly in an event)
6. Shutter / ISO
 - a. AUTO (ISO 100~ ISO 400, It is the default for most of events and recommended)
 - b. Fast (Fixed at ISO-200 (Used to take a clear image against a moving animal. Sometimes for very short distance capturing setting at night to avoid images to be over exposure.)
10. Date Stamp a. Off / b. On (Calendar stamp ON/OFF option to show whatever the calendar on all images and videos.)

Video Mode

Highlight the Video to change by pressing MENU key. Once the VIDEO mode is selected, the unit will take video clips. Since a 1st event is recorded, a video-cam icon will appear in the scouting LCD to show that you are in video mode.

In case you would switch back for Single Picture mode, just turn ON camera by pressing CAM-PW manually, then change the PICTURE from the menu. Press OK key to accept the SINGLE Mode. Then, remember to re-boot the unit by turn off the main PW and back ON. You will see the Video-cam icon disappear. Otherwise, the camera will not work properly w/o a reboot process.

There are the option items below by pressing DOWN key:

1. Switch To Single
2. Movie Size : a. 1280 x 720 (HD) / b. 720 x 480 / c. 640 x 480 (VGA)
3. Frame Rate : a. High (30 f/s) / b. Low (15f/s)

VOICE MEMO Mode

The camera provide a good feature for users who would like to record a voice message at anytime, anywhere against something to record by voice like a trail scene with a details description; a hunting experience; a reminder for hunting; a diary for every day etc.

To do for a recording, you must turn ON the camera, then enter to the **Voice REC Mode** by pressing SOUND key. After finished operation with any voice options, just switch back to the previous camera stage by pressing SOUND again.

To Record: Press SHOT key once for starting a voice recording. Then, a stop-watch start to count a time of the current recording. Press SHOT again to stop this recording and a rest of memory on the top left corner will renew immediately.

Play-back: Press PREVIEW key to the Play-Back mode, the last message is selected. You can rewind to a previous desired voice memo by LEFT and use RIGHT key for the newer voice. Press SHOT key to play back the desired message. Press the LIVE key for more voice files, you can listen all voice clips one by one automatically after pressing the SHOT key.

Delete ONE: Press MENU key to bring up the Erase Title. Highlight the option "Delete One" then press MENU to delete it. Press LEFT or RIGHT to select another voice clip and press MENU to delete for one more. Finally you can quit from the menu by press LEFT key.

Delete ALL: In the Play-Back page, press MENU key and highlight for "Deleting ALL". Press MENU key to remove all voice memories at once.

Time Lapse Operation:

You can activate the Time lapse function during any scouting period. It will work fine day and night by sliding the Turbo switch to Time Lapse ON and enable the Time Lapse option in the camera menu setting. Camera will take shots automatically according to the further programming in the Time Lapse settings. The 1st Time Lapse event will start to run since one scouting image to be taken. Therefore, be sure you have triggered the 1st shot by yourself before leaving from the site.

Caution: Time Lapse event will not run if there is no any scouting event to be detected. So, the 1st shot by manual when start up the unit in the field.

Further settings for Time Lapse

Interval: Adjust the default 5 seconds for your desired periodic time. The camera will take shots repeatedly according to your update. A Max. interval set will be 23:59:59

Capacity: You can limit a Max total shots for the operation. More shots will be created for a longer Time Lapse Video future. A Max. capacity will be 99,999 shots.

Create A Time Lapse Video:

All of images are required to import to a time lapse software for converting a video. There are many choices from web-sites or you can download from our recommended web for a freeware. You can try to get the software "Videomach" from www.computechinc.com/download.html

Preview (Play-Back) Image and videos

1.View Image/ Video in Built-in Screen

Once press Preview key, screen will always show a full screen of the last shot. Use the left or right key to view other previous or next image. The displayed contents will be depended on which current mode it is. If you expect to view more pictures or videos in a screen, press **Display** for a thumbnail screen. See more nine images in a frame by pressing Left / Right key. Then enlarge it by pressing **Display** again.

2.View Image /Video with TV

The unit is equipped with a TV-out port that allow you to connect to TV at home with an attached cable.

Be sure the RCA end is plugged in the **Video-In** of your TV. To view pictures on TV and the internal screen will be OFF in this operation.

NOTE: The last picture taken will be the first to display and will including of the total number of pictures stored and the number of current picture. Example: 0024/0036 is the 24th picture of a total of 36 pictures.

3. View Images from Scouting or Time Lapse Shots

Once press PREVIEW key, you will always see the last scouting image. Press RIGHT key to skip for TIME LAPSE filter to view the last shot of TIME LAPSE Image.

More Operation Setting at PREVIEW

When you are in Preview mode, press the MENU key to display the Operating Menu with items below:

1. **Lock** (Protect file during a deletion operation)
 - a. Lock / Unlock One (Protect / Unprotect one file)
 - b. Lock All (Protect all same media files in the memory and they will not be deleted)
 - c. Unlock All (Unprotect all of protected files)
2. **Delete**
 - a. One (Delete One item)
 - b.. All (Delete All items except protected items)
3. **Rotate** (To rotate an image) a. Rotate / b. Save / c. Back (Recover to original)
4. **Resize** (Reduce resolution for a smaller size image in order to release more space in storage)
 - a. Showing all available resolution that you may change

Slide show

In a thumbnail screen, press **SHOT** key for enjoying a slide show. Interrupt the show by pressing **OK** key.

Digital Zoom

When in the Preview to view a full size picture, press the **UP** key to Zoom In and the **DOWN** key to Zoom Out for enlarge a part of image to see more details when enjoying an image.

Pan on an Image

Once you have zoomed in an image, you can pan the lens to view everywhere in an enlarged picture by pressing **LEFT** or **RIGHT** keys.

Deleting Photos

Press **MENU** key under the preview mode, then highlight **Delete** for Single or all photos to erase the target.

Press **MENU** key to confirm **YES / NO** deletion and repeatedly for deleting more.

Protect an Image or Video

During viewing an image or video which you would like to retain in the memory without wash-out by delete processing, press **MENU** and highlight the **LOCK** option once. Then an icon with small lock on the left top corner of this image to show it is protected. Repeat the same processing to unlock it. All of protected items will not be deleted except you try to format the memory media.

Using a SD card

This unit require a SD card to work and support upto 32G SDHC SD card. Be sure the Main PW Switch is OFF before replacing a SD card in order to minimize a risk to damage your SD card or loss data partially. Before using a blank new SD card, or ever been used in other cameras, it is suggested to format it before usage. So, you need to download all of existing files to PC before using it in this camera. Otherwise, camera will not save picture and video in the default directory properly.

Important: If a SD card can not be inserted smoothly, you must retract it and check if the direction of card is correct or not. Never force to push hardly with the card. Most of case with a problem with card usage is found that caused by an improper insertion.

Memory Management

In case SD card memory is full, a memory **FULL** icon will be remaining blinking on the scouting LCD. The camera will stop to shoot. Replace with an empty SD card or delete a partial or all contents, then reboot the device to refresh the memory status. The camera will not resume to work without rebooting the system.

Downloading photos/ Movies to your computer

Press **CAM-PW** to turn the camera **ON** manually. Connect your computer and the camera with the attached USB cable.

- A pop up to show the mobile hard disk which is assigned for the camera device. For example:
x:\DCIM\
- Click into the proper directory to see all files inside.
- The media files are stored in the specified folders as below:
Scouting Images > x:\DCIM\100MEDIA
Time Lapse Images > x:\DCIM\101TLPIC
Voice memo > x:\DCIM\100MEDIA

Solar Power Pack Connection:

You need to have a Solar Power Kit (Model: SO-6) and configure the installation as the Fig 5. Plug the Solar pack controller cable to the Solar PW port on the main unit. Touch the **PW** button on the controller to start up the internal power to the camera. The solar power pack will always supply energy in 24 hours and will be charged under sun light. It isn't a matter there are some days with cloudy because a high capacity storage power pack will support this camera to work for more than half month or a thousand shots after one time of fully charged.

Power Management:

It is highly recommended to install 4 pcs Alkaline batteries into the camera compartment even you prefer to always use a solar system. The back up battery dose not works while the solar pack energy still be enough to support Camera operation as usual. It will be drained only since the power pack goes to the **OFF** w/o any charging for a long time. It is ideal for remaining the scouting settings even no more supply from Solar pack.

Mounting Device

Before starting to put this camera in the field for scouting game, the camera must be mounted in a certain place properly or on a tree whose diameter will not be less than 6 inch (15cm) and located not higher than 1M

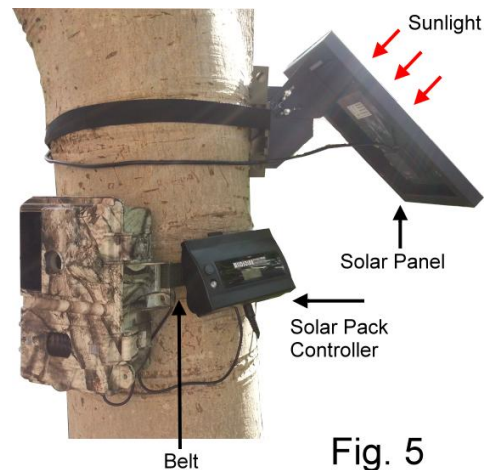


Fig. 5

with your desired mounting method that following the installation method as shown as below. The design is reserved to fit for two ways of mounting.

A Belt Mount: This belt is attached in the packing. See the Fig.5

B Python Adjustable Locking Cable (Not including in this packing): See the Fig. 6

You can able to use a Python adjustable locking cable to provide higher security level to your camera. The "Master Lock" brand is a good choice.

Metal Bracket and U Bar:

With more optional choice for high level security, a steel mounting bracket and U type security bar kit can be choosed to provide much stronger security ability. You can buy this accessory kit from your local dealer.



Fig. 6

Further mounting details for the Solar Pack Kit, please refer to the instruction manual Model: SO-6

Troubleshooting Guide

No animal showing in some pictures:

1. Check if the unit is pointed the direction where the sun is rising or sunset that the sensor might be triggered.
2. The PIR sensor may detect an animals through vegetation out of view from the camera.
3. If the animal was moving quickly, camera may not capture it in time while an animal moved out of the zone.
4. Make sure that the unit is mounted on a steady tree or other place that does not wobble.

The Camera In-Use light is remaining ON, but the camera does not respond:

1. The camera may be time-out and shut down automatically. Repeat to press the CAM-PW to resume the camera ON or try to reboot the system.
2. Check the power source like the voltage of Battery and Solar pack output. A voltage may be too low that could not support the camera staying ON. Replace with 4pcs D type brand new batteries and recharge the Solar power pack for over night by any cellphone charger.

The Camera Status Small light does not respond while Camera In-Use light is ON:

If you installed a large capacity SD card with a huge quantity media files inside, attempt to press either key in the Camera portion after the **Camera In-Use light** is ON. Need to wait for about a few seconds until the SD card to be done for initializing at start up. More media contents will take more longer to wait.

The Light in the front of the housing does remain ON:

1. The unit just is set for Walk-Test mode. The light still remains ON steady within 60s warming up period.
2. The CAM-PW is not switched to OFF. Remember to turn camera OFF after finished camera operation.

Camera seems NOT write any picture into my "Empty SD" card and displayed with Memory Full:

1. You must format the SD card which was ever used in the other device before applying it in this camera.
2. Check the current SD card and try to use a brand New SD card instead of your current SD.

No Time Lapse Images in the folder after sometime

Check the position of the Trigger Switch to Time Lapse or Not. Be sure you had enable the Time Lapse Function in the Camera setting menu. Also, don't forget to trigger one shot before you will leave from the site in order to start running the Time lapse event immediately.

Reset the Unit out of System Halt:

In case the event counter does stop to respond for any sensing, or you notice the scouting LCD is always blank even the Power switch is ON, the system may halt already to cause the problem. Remove all batteries out of compartment for more than 10 minutes in order to discharge the unit. The unit will resume to the factory default settings. You will need to reprogram with your desired parameters again before use.