User Manual

Trail Camera

SG2060 Series

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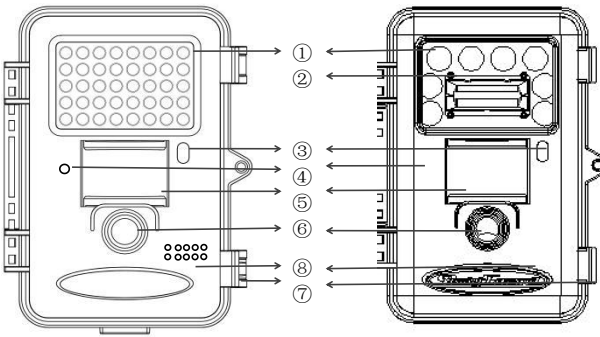
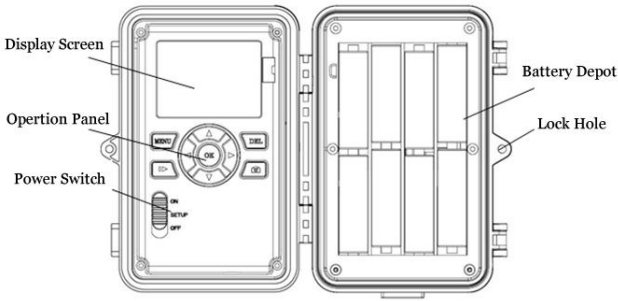
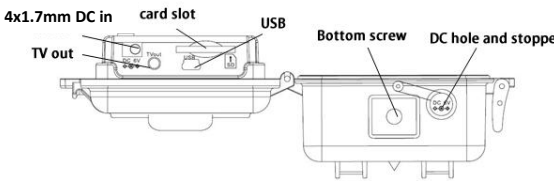
1.Getting Started



①	IR LED	②	Flash/White LED: Available for SG2060-T
③	Indication	④	Microphone
⑤	PIR	⑥	Lens
⑦	Lock	⑧	Speaker: SG2060Series





Model	***Product Features***
SG2060-K	Ultra-High Quality 48MP, Extra long detection range
SG2060-T	Combination White LED/Xenon Flash, color pictures and videos at night，Motion Sharp Technology

2.Camera Operation

2.1 Batteries/ Power Supply

The camera is powered by eight AA batteries. High-density, high-performance, rechargeable alkaline or NiMH batteries are recommended,all batteries must be 1.5V. When the batteries are low, the camera will automatically shut down.

A DC 6V/2A external power supply adapter (not included) can also be used to power the camera.

2.2 SD Card Information

Insert the SDcard into the camera before turning on the camera.

This camera supports up to a 64GB capacity SD card and has no built-in internal memory. The camera will not function without the SD card properly inserted into the camera.

Make sure the SD card is unlocked before inserting it into

the camera.

The camera will operate properly with a locked SD card inserted, but the card will not be able to store captured images or videos taken by the camera.

Do not remove the SD card while the camera is on.

Removing the SD card while the camera is on risks damaging the internal components of the camera.

If you experience any problems with an inserted SD card, try reformatting the SD card using the camera's main settings option.

2.3 Camera Mode

ON Mode

The camera will capture pictures or videos when motion is detected and/or at specific time intervals, according to the programmed settings. After switching the camera to the ON position, the motion indicator LED(red) will blink for about 10 seconds and then turn off.This delay time allows you to adjust the camera position if needed before the camera becomes active.

SETUP Mode

Customize the camera settings, or playback pictures and videos the camera has taken on the LCD display.

OFF Mode

Turns off the camera. The camera will still consume a small amount of battery power while in the OFF mode. It is recommended to remove the batteries if the camera will not be used for a long period of time.

2.4 Trigger Mode

PIR Triggering: The default setting is on. If PIR Triggering is on, the camera is only active when motion is detected. If PIR sensitivity is set to OFF, the camera stops responding to the motion.

Timer Triggering: The default setting is OFF, which means timer triggering is disabled. When the timer triggering interval is set to a non-zero value, the camera starts to work at a preset interval. Users need to set the PIR sensitivity to OFF if they want the camera to work only at preset intervals.

PIR and Timer Triggering: For both PIR triggering and Timer triggering, users need to set PIR sensitivity to low, normal, or high according to the external environment, and set the Timer interval to a desired non-zero value. The camera will capture pictures or videos in a preset time interval even if there is no motion detected. The camera will also capture pictures and videos if motion is detected.

3. Camera Setup Settings and Display

3.1 Settings Interface & Display

To update the camera settings, move the power switch to the SETUP position.

Menu: Enter the program menu in preview mode

: Exchange between playback and preview mode

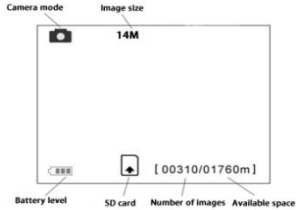
DEL: Delete a photo or video

: Capture a photo or record a video manually

▼▲►◄: Navigate parameter settings

OK: Save parameter settings and play videos

When the camera is in SETUP mode, the screen will activate and display the following:



3.2 Manual Image / Video Capturing

Place the camera in SETUP mode and press to manually capture photos or record video. Press again to stop capturing.

3.3 Manage Images and/or Videos

Place the camera in the TEST/SETUP mode and press button to view images or videos. The latest image or video will be shown on the LCD screen.

To view:

Press ▲ or ▼ to view the previous or next image/video, press to play a video.

To delete:

Press DEL to delete images or videos in the playback state. If you are in the preview state,press to enter into playback state first.

3.4 Camera Setup Operation

To view the camera settings menu, slide the power switch to the setup position.Use the ▼or▲ buttons to select sub-menus; use ◄ or ► to select different options.Press OK to save the settings.**After changing EACH setting in the Setup menu, press OK or the camera will not keep new settings.**

Depending on the different models, not all menu options may be available on your specific camera.

Menu Options	Description
Camera Mode	There are three camera modes. ***Photo***: to take photos. ***Video***: to capture video. ***Pic+Video***: to take a picture with a video

	clip.This mode disables the photo burst function. **Default: Photo**
Set Clock	To set the camera's clock.The clock format is YY/MM/DD hour:minute:second.Press▼▲to change the value.Press ►◄to select date or time field.
Photo Size	Choose the image size,e.g.48MP,36MP,16MP. **Default:36MP**
Photo Burst	Choose the number of continuous photos taken after each trigger. When the Camera Mode is set to Pic+Video, the Photo Burst option is automatically disabled,resulting in only one picture captured with the video. When the Camera Mode is set to Photo, the Photo burst option will operate normally as specified. **Default:1**
Video Size	Choose the video size: 1920x1080,1280x720 or 640x480)

	Default:1920x1080
Video Length	Choose the duration of video recordings. This parameter is only active and adjustable when the device is in video mode and ON.Press▼▲ to decrease or increase the value.Its value extends from 5 to 90 seconds(for SG2060 Series). **Default:10Sec**
Time Lapse	If time lapse is on, the camera can capture images or videos at a preset time interval regardless of whether a motion is detected.The default setting is off,which means the timer function is disabled.Changing this parameter to a non-zero value turns on the Time Lapse mode,and the camera will take photos at the given time interval.NOTE: If the PIR Trigger is set to off,then Time Lapse can't be set to off. **Default: OFF**

PIR Trigger / PIR Sensitivity	This parameter defines the sensitivity of the PIR **High:** indicates that the camera is more responsive to motion. It is recommended to use high sensitivity in a room or environment with little interference. **Normal:** The default value is normal. **Low:** means the camera is not very responsive to motion.It is recommended to use this setting in outdoor environments or environments with a lot of interference like wind,smoke,near a window, etc. **OFF:** the camera is not triggered by motion to capture pictures or videos. NOTE: The sensitivity of the PIR is strongly related to the temperature. A higher temperature leads to a lower sensitivity. Therefore, it is suggested to use higher sensitivities for high-temperature

	environments. **Default: Normal**
PIR Interval	This setting indicates how long the PIR sensor will be disabled after it is triggered. During this time the PIR sensor will not react to any detected motion or scheduled timer functions. The PIR Interval can be set between zero seconds to a maximum of 1 hour. Press LEFT or RIGHT to decrease or increase the desired PIR Interval time. **Default:5Sec**
Picture Type	Choose the type of flash for night photography: Black&White means select 940nm led, Colour is selected whtie led or Xenon , (Available for SG2060-T) **Default**: Black&White
Work Day	Choose the days of the week the camera works on. Not available for SG2060 Series. **Default: All**

Work Hour	This setting controls when the camera is active each day. If activated, the camera will NOT take pictures or videos outside of the specified working hour, regardless of any other setup option settings. The values are set to military time which ranges from 00:00 to 23:59. **Default: OFF**
Camera Position	You can set an A-Z indicator for each of your cameras in order to distinguish which photos are from a specific camera. **Default: OFF**
Time Stamp	It defines whether the date and time should be stamped on the video or not. **Default: On**
Language	Choose the language for the menu.
Beep Sound	Enable or disable the beep sound. Available for SG2060series **Default: On**

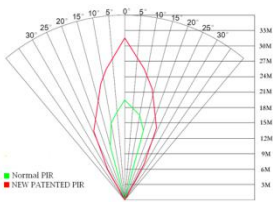
Recycle Storage	In hunting mode, when the SD card is full, the first images or videos will be replaced by new pictures or videos. This allows you to capture more without the need to retrieve your memory card manually. In SETUP mode, the SD card can't recycle storage. **Default: Off**
Format SD	Deletes all images and videos on the SD card. Make sure to make a backup of important data before selecting this option.
Default Settings	Restore all camera settings to default values.
Version	It contains version information.

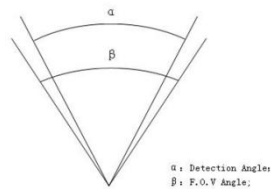
3.5 Troubleshooting

PIR Detection Zone

This camera has a new PIR, which is patented. The new PIR's detection range can reach 100ft. in good environments. The following picture compares the detection zone between the normal and new PIR.

The PIR detection angle (α) is smaller than the field of view (FOV) angle (β). The advantage of this design is to reduce the empty picture rate and capture most, if not all, motions.





4.Technical Specifications

LED Type	Xenon,White Led or 940Nm
LED Number	4Pcs
Illumination Distance	90Ft.
Image Sensor	16MP Color CMOS
Aperture	*f*/ 2.4
Field of View	57 Degrees
Memory Card	64GB Max
Display Screen	Built-In 2.3" LCD
Sound Recording	Yes
Operating Ambient Temperature	-20 ℃ to + 60 ℃

Non-Operating Temperature	-30 ℃ to + 70 ℃
Relative Humidity	5% to 90% Noncondensing
Dimensions	145.1*90*145mm
Unit Weight	~ 0.40Kg
Power Supply	8AA batteries or 6V, 2A external power supply
Standby Power Consumption	<0.3mA(<7mAh/Day)
Compliances	FCC, CE, RoHS

5.Parts List

Part Name	Quantity
Digital Camera	1
USB Cable	1
Mounting Bracket	1
Belt	1
User's Manual	1
Warranty Card	1

Version 4.2