User Manual

Hunting Camera

SG560K/SG560X/SG562-C/SG2060 Series/SG562-D

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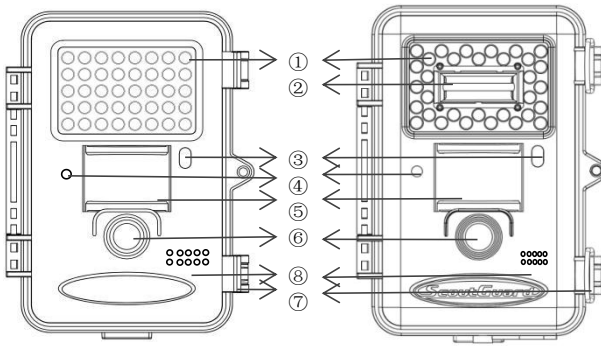
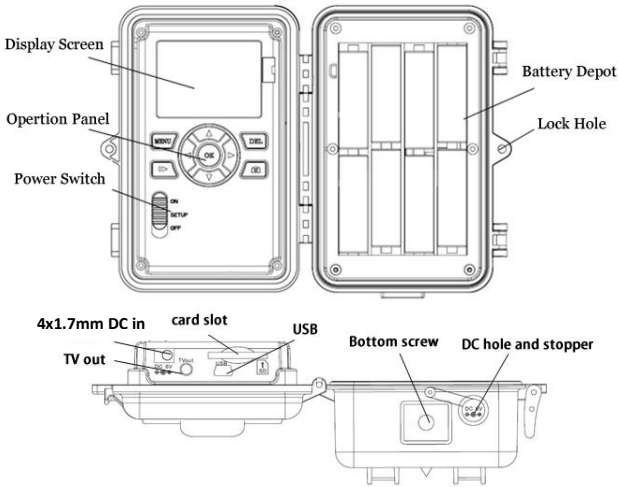
1.Getting Started



①	IR LED	②	Flash: Available for SG560X/ SG2060-X/SG562-D
③	Indication	④	Microphone
⑤	PIR	⑥	Lens
⑦	Lock	⑧	Speaker: SG2060Series/SG562-D



Model	***Product Features***
SG560K-18mHD	Black IR, 100ft detection range
SG560X-18mHD	Motion sharp camera, 100ft. detection range
SG562-C	White LED Flash Camera, color pictures and videos at night, Motion Sharp

	Technology
SG562-D	Combination White LED/Xenon Flash, color pictures and videos at night
SG2060-X	Motion Sharp 36MP camera, Motion Sharp Technology
SG2060-U	Ultra High Quality 25MP camera, Dual Focus
SG2060-K	Ultra High Quality 36MP , Extra long detection range

2.Camera Operation

2.1 Batteries/ Power Supply

The camera is powered by four or eight AA batteries. High-density, high-performance, rechargeable alkaline or NiMH batteries are recommended. When the batteries are low, the camera will beep twice and 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 SD card into the camera before turning on the camera.

This camera supports up to a 32GB 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 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

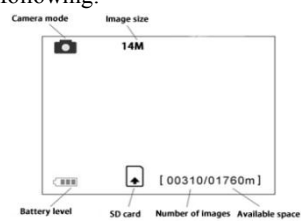
DEL: Delete a photo or video

: 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 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 OK 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 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.18MP, 12MP, 5MP or 25MP, 14MP, 8MP or 36MP,25MP,14MP. **Default:36MP (SG2060-K/X)** **25MP (SG2060-U)** **Others:18MP**
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**
Object Distance	The camera supports two focus captures: Far: the camera focuses at 0.8m to 1.5m/3.3m (SG2060 series)

	Near: the camera focuses at 0.4m to 0.8m (SG2060 series) **Default: Far** (Available for SG560X/SG2060 series)
Video Size	Choose the video size: 1920x1080,1280x720 or 640x480. (1920x1080 not available for SG560K-18mHD) **Default:1920x1080** **(1920x1080 is not available for SG560K-18mHD, Default: 1280x720)**
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 120 seconds or 180 seconds (for SG2060 Series). (SG560K-18mHD from 5 to 60 seconds) **Default: 10Sec**
Time Lapse	If time lapse is on, the camera can capture

	images or videos at a preset time interval regardless of whether 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**
Illumination	Choose the range of the flash. The optional parameters are Short Range and Long Range. Available for SG562-D **Default: Long Range**
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**
Work Day	Choose the days of the week the camera works on. Not available for SG2060 Series and SG560K-18mHD. **Default: All**
Working 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	You can set an A-Z indicator for each of your cameras in order to distinguish which photos

Position	are from a specific camera. **Default: OFF**
Time Stamp	It defines whether the date and time should be stamped on the picture or not. Available for SG560X **Default: On**
Language	Choose the language for the menu.
Beep Sound	Enable or disable the beep sound. Available for SG2060 series **Default: On**
Game Call	Allows the camera to play an audio file at a preset time each day. The audio file must be saved in the directory of \DCIM\100BMCIM\ with a name of AUDIxxxx(from 0000 to 9999).WAV after formatting the SD card and setting the game call to on. Available for SG2060 series **Default: On**
Recycle	In hunting mode, when the SD card is full, the

Storage	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: On**
Format SD	Deletes all images and videos in 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	Contains version information.

APPENDIX

Mounting the Camera

When mounting a camera to a tree, use either the mounting bracket or the strap provided.

Tips: Try not to mount the camera when the sun is rising or setting. If mounting to a feeder or in a dusty environment, be sure to clean the camera lens and PIR sensor regularly. Periodically check the mounting of the camera to make sure it hasn't come loose.

Glossary

1.PIR: Passive Infrared motion sensor

2.FOV: Field of view

Trouble Shooting

Q1: There is something in front of the camera lens. Is the camera broken?

A: The camera is not broken. What's in front of the lens is an IR-Cut filter. When the camera is powered on, the IR-Cut will reset and cover the lens. When the camera is powered off, the IR-Cut will be at a random place

Q2: The camera controller is not working anymore

A: Most likely, no SD card was inserted in the camera when it was turned on. Please make sure a working SD card has been inserted in the camera before it is turned on.

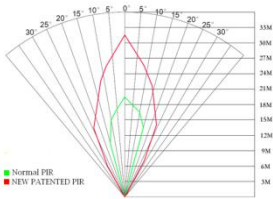
Q3: Why did the display screen suddenly turn black?

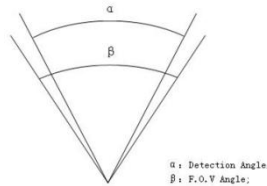
A: To reduce power consumption, the camera will shut down automatically after 3 minutes if left idle. Please turn the power on again if you want to continue.

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 empty picture rate and capture most, if not all, motions.





Technical Specifications

Items	SG562-D	SG562-C	SG560X/ SG560K	SG2060Series
Image Sensor	5MP			14MP
Lens	F/NO=2.4 FOV=55°	F/NO=2.4 FOV=57°		
Detection Range	100ft			
Illumination	100ft	100ft	100ft	100ft
Display Screen	2"LCD	2"LCD	2"LCD	2"LCD
Picture Resolution	5MP/12MP/18MP			14/25/36MP (SG2060-K/X) 8/14/25MP (SG2060-U)
Video Resolution	1080P/720P/VGA			
Video Length	5-120s (SG560K-18mHD: 5 to 60 s)			5-180s

Weight	0.25kg（without battery）
Operation/Storage Tem.	-20° ～+60° /-30° ～+70°
Power Supply	8AA or 4AA
Memory Card	8MB-32GB
Sound Recording	Available
Mounting	Rope / Belt / Python lock
Dimensions	140x80x50 mm
Operation Humidity	5 % - 90 %
Security Authentication	FCC, CE, RoHS

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Parts List

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

For more details about our product or user manual, please visit our website at: http://www.bolymedia.com/index

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