

Telescopic IR Search Camera

SEL IRCAM

Operation manual



2023

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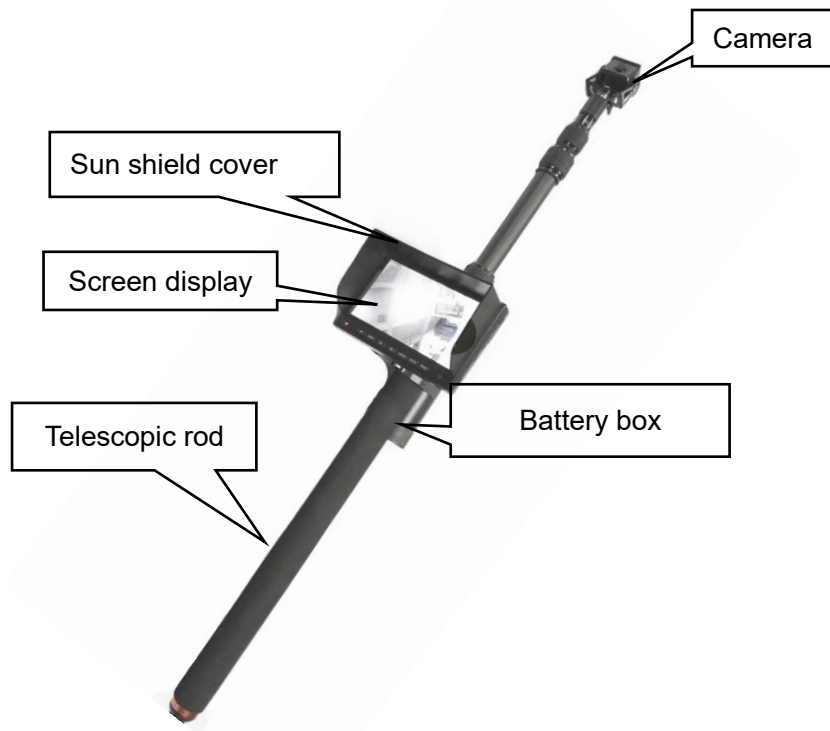
1. Product Introduction

The telescopic IR search camera uses a telescopic rod and a high-resolution 1080P infrared camera lens mounted at the end of the rod and an infrared light source integrated in the camera to clearly reflect dark environments and those inaccessible areas (such as vehicles bottom, high objects, underground pipes, post-earthquake rescue etc.) on the 7-inch high-definition color LCD display. It adopts visible and infrared adaptive light sources with a variety of functions, can be used as a telescopic inspection mirror as well as a vehicles bottom inspection instrument.

2. Technical Parameter

1	Sensor	Sony 1/2.7 AHD
2	Resolution Ratio	1080P
3	Gain Control	Automatic
4	Backlight compensation	Automatic
5	Lens	Infrared waterproof lens
6	Display Screen	7 "1080P HD and HB display screen
7	Storage	Standard 16G (256G maximum support)
8	Working voltage	12v
9	Battery capacity	2600mah (two batteries)
10	Working time	Each battery lasts 3.5 hours
11	Carbon fiber telescopic rod	Length: contracted 83cm, expanded 262cm
12	Total weight	1.68kg
13	Package	Waterproof and shock-resistant ABS box

3. Parts Description



4. Kit Components List

Kit Components		
Item No.	Description	Quantity (PC)
1	Host (telescopic+camera+display)	1
2	Sun shield cover	1
3	Charger	1
4	Charge Box	1
5	Lithium battery	2
6	User Manual	1
7	ABS Case	1

5. Operation Instruction

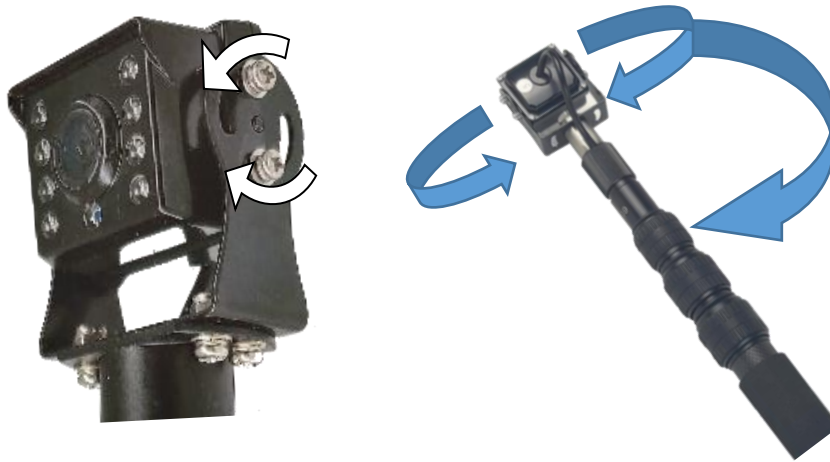
(1) Press the power button on the battery box, the battery status lights will be on, and the display screen will display image.



(2) Pull out the telescopic rod to the appropriate length, the Fastening ring will be loosened by counterclockwise rotating and be locked by clockwise rotating.



(3) Adjust the camera to the right angle by turning the camera itself and adjust needed camera view side by unlocking/locking first clamp.



(4) If used outdoors, the sunshade cover can be installed. For installment, point the cover at the screen slot and push it down; and push up to disassemble.



(5) To charge the battery, rotate the battery box cap to pour out the battery, load the battery into the charging box and charge with the dedicated charger.

Note:

- (1) Pay attention to the "+" and "-" poles during battery installation.
- (2) Battery needs to be charged regularly (every 3 months) if not being used for long time.

System Operation

6.1 Screen Interface



“ ◀ ” “ ▶ ” : Select Key

“MENU” : Menu key

“ ⏻ ” : Power Key

“DVR/AV” : Photo / Up key

“ENTER” : Recording / OK key

“MODE” : Video query / Down key

Attention!!!

- "SD card" logo will appear in the lower right corner after starting up.
- Current date and recording time will appear in the lower left corner.
- "DVR / AV" is a shortcut photo taking key, and there will be a photo taking success icon prompt on the left side.
- "Mode" is the shortcut key for video and photo playback.

6.2 Video Query

Press "MODE" key to enter the video playback interface, then press "◀" "▶" key to select the video you want to play, Press "ENTER" to play the file.



When playing, "ENTER" key is also the pause key , "◀" "▶" key is the quick search key to search the previous and next video. Press "DVR/AV" to return to the video playback interface, press "MENU" key to be back to current real-time interface.

6.3 Shooting Photo and Photo Query

Press the "DVR / AV" key on the main interface, and a camera pattern will be displayed in the upper left corner of the screen. The shooting is successful.

Press the "MODE" key on the main interface to enter the video query interface of channel 1. Press the "MODE" key again to turn to the photo query interface.

Select a photo on the photo query interface by pressing the key "◀" "▶" and then press the "ENTER" key to confirm the selection to view the picture.



6.4 Main Menu interface



Press "MENU" key, go in through "◀" "▶" this key. And then press "ENTER" key to select the item which needs to be adjusted.

6.5 Image setting



Enter the image setting interface, select and adjust corresponding values through "DVR / AV" and "MODE" keys.

6.6 Video setting



Enter the video setting interface, select and adjust corresponding values through "DVR / AV" and "MODE" keys.

6.6.1 Playback: Press "▶" enter video playback. Press "MODE" to switch the video and photo. Select a file through "◀" "▶" and press "ENTER" to play the file. When the file is playing video, press "ENTER" again to pause.

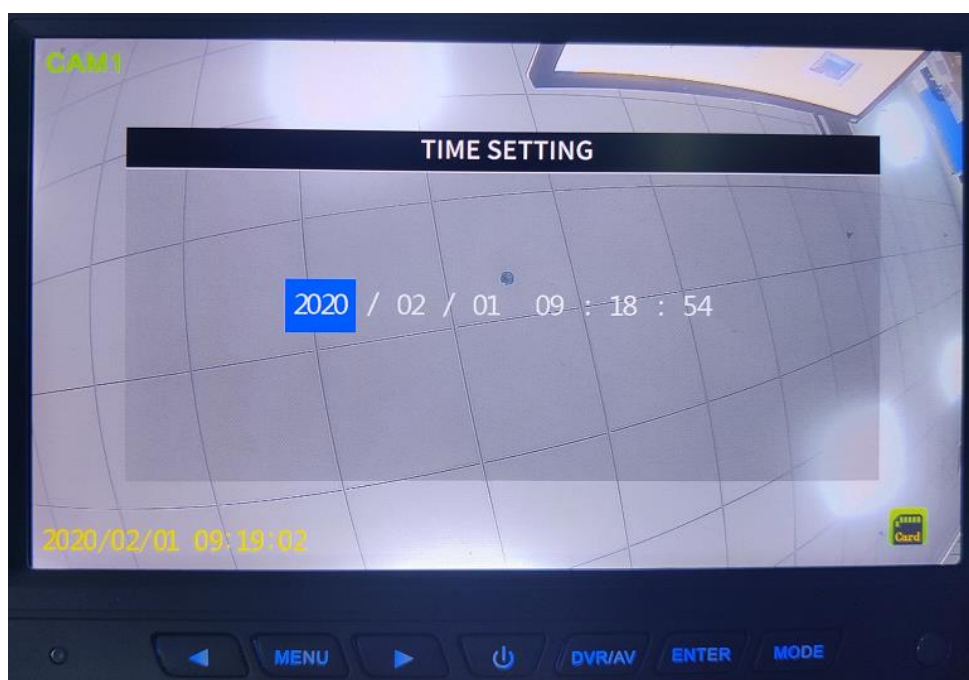
6.6.2 Auto recording: Open this function, it will record automatically after starting.

6.6.3 Recording time: It can be set to 1 minute, 3 minutes and 5 minutes respectively.

6.6.4 Time stamp: Date and Time will be displayed in the lower right corner after opening.

6.6.5 Time show: Date and time will be displayed in the lower left corner after opening.

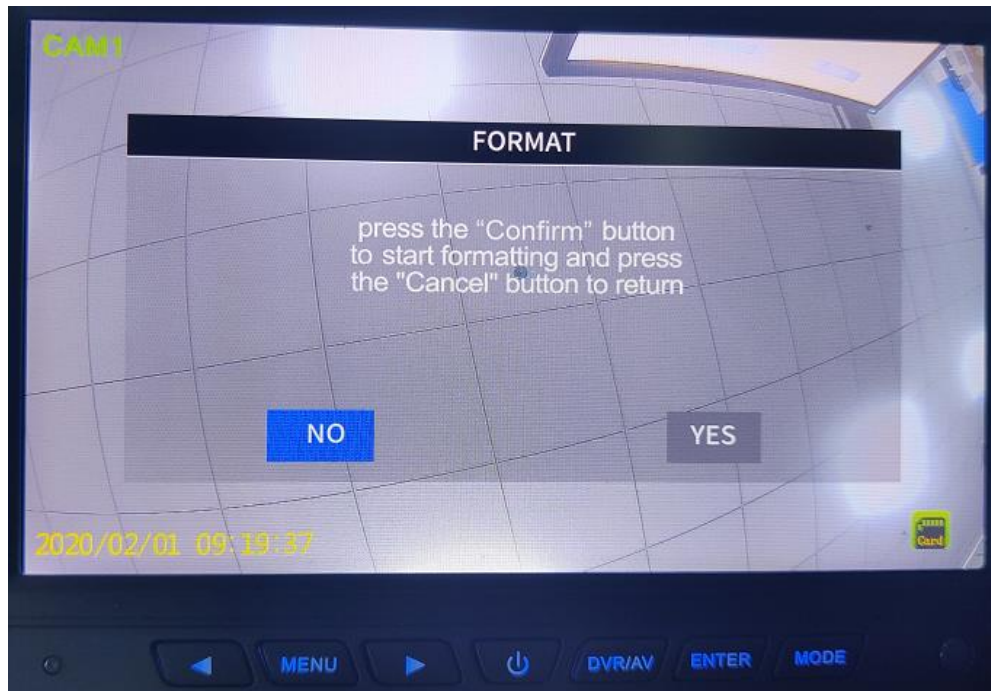
6.6.6 Time setting: Press "◀" "▶" to select the item which is needed to be adjusted. Press "DVR/AV" / "ENTER" key to change the value. Press "MENU" to return.



6.6.7 Format: Select “YES” through “▶” key, press “ENTER” to confirm. The confirmed option will be displayed again for a second confirmation. Press “ENTER” to key again to format all the contents in the memory card.

Attention!!!!

Formatting will erase all files in the card. Once confirmed, all videos and pictures in the card will be cleared and cannot be restored. Please make sure before formatting to avoid deleting important files by mistake.



6.6.8 Language setting: The system provides 4 languages, namely simplified Chinese, traditional Chinese, English and Arabic. Select language through the "DVR / AV" and "MODE" keys, press the “▶” key to confirm. Press "MENU" key to return