



# Waterproof Hunting Camera Ere-E1 1080P Video,IP58 Technology Innovation from Ereagle



## Use Manual

Thank you for purchasing our camera series products. Before using this product, please read the manual carefully.



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# I. General Information

## 1.1. Product introduction

The Ereagle trail camera is a smart IR surveillance waterproof device. It can take high quality photo (up to 12M pixels(Interpolated), real 5M pixels) and video automatically with the preset parameter by customer, triggered by any movement of the human being and animal by the highly sensitive PIR sensor. The double D/N filter IR cut switcher helps while the ray of light is not good and then take clearer photos and videos. There is one 2.0" color LCD display screen and sound recorder, it can check whether the photo area is reasonable by inner laser light and check photo and video at any time. With its high waterproof grade of IP58, Ereagle trail camera can be used in outdoor.

## 1.2 Feature

- With 1/3 inch high definition 5 million pixels low illumination image sensor, the lowest illumination can reach 0.1Lux(LED off)
- Use 4.0mm(78° M12, F2.0)5 million pixel high definition fixed IRIS lens  
Photo definition can be optional with 12M/8M/5M/3M/2M/1M, support shooting maximum 5 photos
- H.264 standard video coding format, 1080 p / 30 fps full high definition video recording, 1080P/720P/480P is optional
- The G. 726 audio compression method, to make real-time monitoring
- Support both photo and video mode, auto make video after the photo shooting, more convenient observation at the scene.

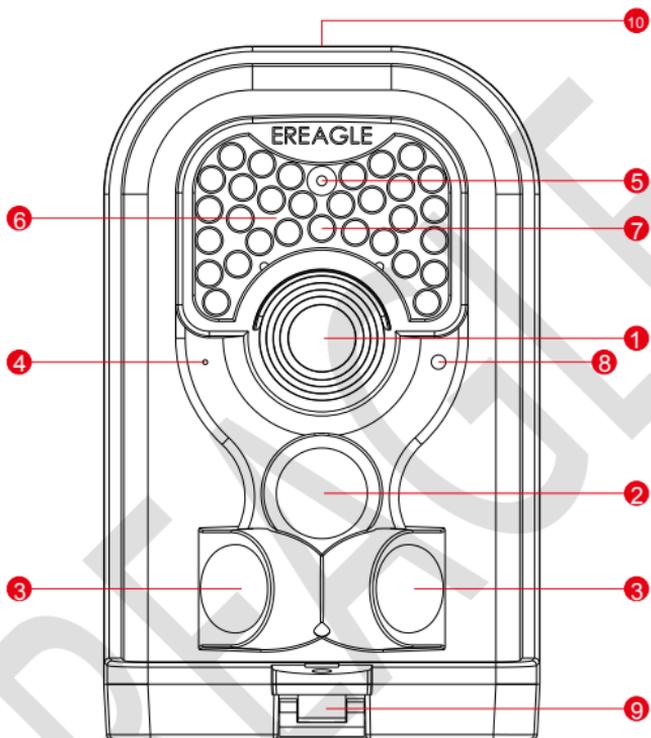


- With double infrared detectors, Pre detection and capture detection work together to make .detection range wider and capture more accurate.
- Multiple PIR sensor design make the sensing distance 20 m / 65.62 feet, induction higher sensitivity,more accurate.
- PIR shortest trigger time can reach: 0.8 seconds.
- PIR main induction angle 45 degrees , on both sides of the sensor PIR Angle is 100degrees
- Precision processing structure,waterproof level of IP58 (dust tight/flooding);Camouflage design
- Support stamp of device name,time,temperature and moon phase.
- Support time taking pictures function, can set a day in three periods and time intervals, and can choose week repeat
- Support capture at night,Invisible infrared light, makes the effective distance of 20 meters;Light intensity is adjustable.
- Built-in high-definition infrared cut,makes the shooting photo more real and gorgeous,switch more stable and reliable.
- 4 x AA / 8 x AA / 12 x AA group of alkaline battery can be optional, maximum standby working time can be up to eight months.
- 2.0 inch high resolution color LCD display screen;Adopt multi-function remote button, control more convenient and quickly.
- Support USB data connection and PC fast parameter settings.



- Support external power supply or solar power, to provide longer working hours
- Support dismantling chains, protection lock and password protection function, to protect the camera safety.
- Support limit setup for daily shoot numbers
- Support low power alert
- Support SD card with maximum capacity of 32G
- Support the laser alignment, to make more convenient installation.

### 1.3 Graphic Illustration.



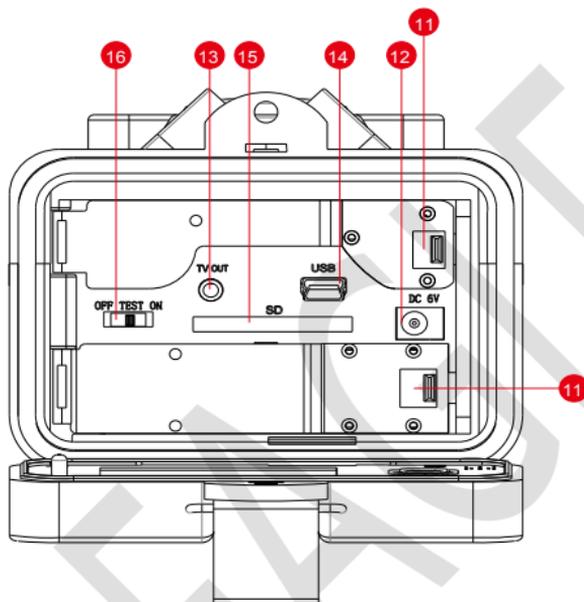
Main picture view

1. Lens  
It is used for collecting the video and image information of the detect target.
2. Main PIR  
It is used for inducing the moving objects of the heat resource, then trigger and take photos and video.
3. Side PIR  
Induce the border of heat resource.
4. Microphone



Used for collecting the sound information.

5. Laser pointer  
For position adjusting during the camera installation.
6. LED light  
Provide light for night shooting.
7. Test LED  
The hints of camera state and trigger.
8. Light sensor  
Induction of light intensity, trigger the camera into the day and night mode.
9. Cover hook and lock hole  
Lock the bottom cover, waterproof, dust-proof. Prevent malicious removal.
10. Safe-guard lock hole  
Anti-theft device

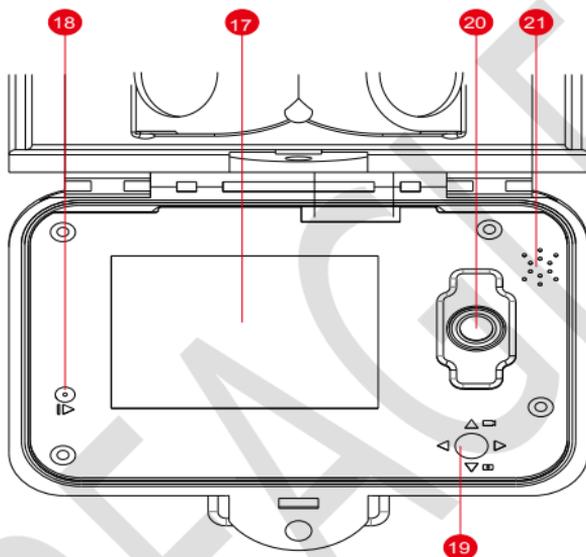


Bottom view

11. Battery cover  
Used for battery installation.
12. External power input interface.  
Used for external power supply, support DC 6v/1a power supply connection.
13. TV output interface  
Provide AV signal output, to connect TV display..
14. USB interface  
connect PC with USB cable.
15. SD card slot  
To store video, image and data information.



16. Mode switch  
Include Test mode, ON mode and OFF mode.



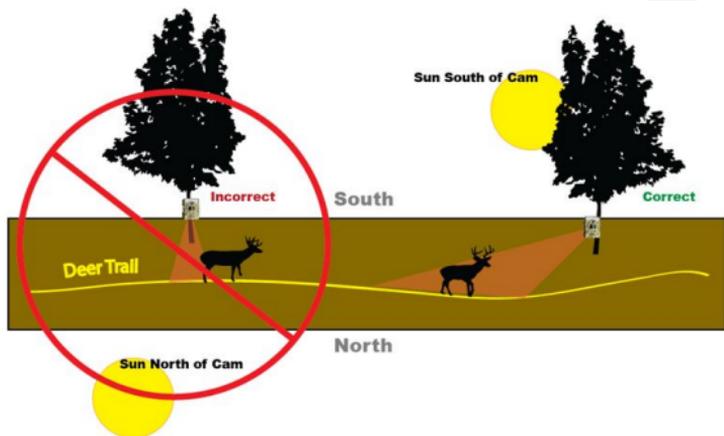
Bottom cover view

17. LCD screen  
For viewing video and image information and menu display.
18. View button  
For viewing video and image information.
19. Multi-function menu button  
For menu setting operation.
20. Power line hole
21. Loudspeaker  
Play video sound.



## II. Cameras installation and position selection

Selection of camera position see below.



The camera is installed on a relatively thick tree or on the wall, To keep the proper height when fixed,so that it can shoot the corresponding action target.  
Avoid direct sunlight on camera lens.

After selecting shooting place, fix the camera on the thick trunk with the bandage and adjust the induction angle. When finishing, shake the camera to see whether firm enough.

If fixed in the wall, you need to install the matched mounting bracket by standard British screw holes

## III. Quick start

According to the instruction of above parts, operate the corresponding button, then you can complete the basic operation.

### 3.1 Install the batteries.

Prepare 4 x AA / 8 x AA / 12 x AA group of alkaline batteries, a group needs at least 4 x AA alkaline



batteries.

Open the camera bottom cover, unlock the battery cover plate, to put the alkaline batteries in the battery box according to the polarity marked on the battery cover correctly , then close the battery cover.

### 3.2 Insert SD card.

After the power supply, insert the SD card (4-32G), Make sure the SD card is unlocked. **We recommend SanDisk brand SD card with C10 standard.**

then you can activate the camera.

### 3.3 Enter Test mode and ON mode

There are three mode for the switch, OFF, TEST and ON mode.

**OFF:** When the switch to the OFF position, the camera will be power off automatically.

**TEST:** When the switch to the TEST position, the camera enters the preview test status, you can manually start taking pictures, record videos, view photos and videos, set the parameters and so on.

With this mode, you can also test the induction area of the PIR: When fix the camera into this mode, the user can walk slowly right in front of the camera from 3 to 20 meters. When the blue LED indicator light flashes, means this location can be inducted by the main PIR. When red LED flashes, means this position can be inducted by the side PIR.

There are three status under test mode: Preview status (on the LCD screen or TV screen, you can see the current camera image in front of the lens), Setting status (enter the parameter setting menu) and Playback status (In the LCD screen or TV, you can see the images from the SD card ). After turned on with test mode, the camera automatically enters into preview status.

**ON:** also called automatic infrared shooting mode. When the switch to the ON position, the camera enters On mode. When entering this mode, the system will wait about 10 seconds, at the same time the red LED flashes, then goes out after that and goes into induction shooting state. After entering this mode, the system will automatically shooting based on your setup parameters, when the person or animal enters the monitoring area.



The above is a simple operation. For more detailed instruction, Please refer to the instruction at the later Advanced Settings



## IV.Advanced Operation

### 4.1.Camera Mode Description

#### ● Test Mode

Enter this mode, the red light flashes, the camera automatically enter the shooting interface. If the camera is password protected, you need to input password to enter the interface. After the system automatically detects with normal status the indicator lights will turn off.

Following Operation can be performed in this mode:

**View video and images:** You can enter by pressing the button  to view the screen the shooting screen detail.

**Parameter settings:** Enter the menu button to set parameters.

**Installation position:** in this mode through the button to open the laser alignment, to check the installation position of the camera

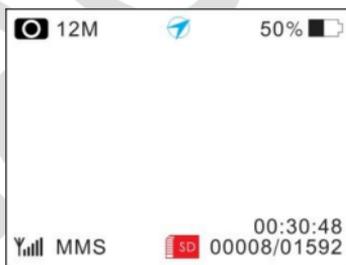
**Shooting test:** You can take images and video to test the quality.

**Quick Setup:** You can quickly switch camera mode and video mode via button.

**PIR detection hint:** Support PIR detection indication in this mode.



Boot screen



Real-time screen

Shooting mode and definition are displayed at the upper left corner of the screen.

Upper right corner it shows the battery level;

The screen below displays the status of the SD card; Without SD card, the icon is displayed in red and will give alarm.

The bottom right display total photos quantity, the taken photo quantity and the remaining video recording time.



In this mode the camera does not take photos for detected heat source object, only LED indicator hints.



- **ON Mode**

Enter this mode, the camera automatically enter the shooting interface. The system starts the internal self-test, then enters a low-power consumption standby state, the LED turns off.

In this mode the camera will enter the normal working condition, starting PIR detecting.

When the PIR is triggered, camera will automatically and quickly shoot and store the images.



In order not to affect the detected heat source object, in this mode the camera would be no light hint, also no visible light and noise.

## 4.2 Setup camera on PC

Setting steps:

1. Camera Setup. Install the corresponding setup software "SetApp" in your PC.
2. Take the SD card out of the camera and insert into PC; to ensure the normal PC can recognize the SD card.
3. Open the software, select the corresponding parameters according to your need and store it to the root directory of SD card.
4. Remove the SD card and put into the camera, turn the camera on and it will auto read parameter settings from the SD card.

## 4.3 Software installation and setup

The installation software "setapp" is included in CD. Software also can be downloaded from our website.

After the download and setup, select the storage location of the file configuration parameters; Click Generate File button, the software will generate parameter configuration file to the specified location.



The copy of Generated configuration files to the SD card is still valid.

## 4.4 Software version updates

Users can view the model, code and software version info from the camera menu.

If you want to update the software, you need to download the latest version of the corresponding model from our website. Then copy it to the SD card, insert SD card into the camera, and then open the camera in test mode. The camera will auto upgrade the program, turn off the camera after upgrade complete and remove the SD card, then insert the SD card without software upgrade package.



#### 4.5 Parameter Settings

You can set the following parameter from the camera menu in test mode or use "setupapp" software in the PC.

##### Camera set, Audio, Alarm trigger

Setting steps:

1. Press **■** to enter the setting menu.
2. Press **▲** and **▼** to move to "camera set", then press **■** to enter the sub-menu.
3. Press **▲** and **▼** to move to the corresponding options, press **■** to enter the options menu.
4. Press **▲** and **▼** to move to the corresponding parameters, selected and press **■** to save.
5. After setting, press **◀** to return previous menu and press **▶** to exit.

Camera Set	Mode	Single selection	Camera	camera only	default
			Video	video only	
			Camera+Video	Camera first, video second	
	Image size	Single selection	12M	4000×3000	
			8M	3624×2448	default
			5M	2560×1920	
			3M	2048×1536	
			2M	1920×1080	
			1M	1280×720	
	Video Size	Single selection	1080P	1920×1080	default
			720P/60	1280×720	
			720P/30	1280×720	
			480P	720×480	
Shooting No.	Number	1~5	number of photos taken continuously	1	
Video Length	time	1~120s	Video recording length of time, unit: second	10s	
Max Shooting	Number	0~255	Limit the number of daily shooting, 0 means no limit.	0	

Audio	Audio Record	Single selection	ON	Open to record audio and video Sync	default
			OFF	OFF	
	Boot Sound	Single selection	ON	Open the boot sound	default
			OFF	OFF	



	Key Sound	Single selection	ON	Open the buttons hint sound	default
			OFF	OFF	

Alarm trigger	PIR Mode	Single selection	Main PIR	Only open Main PIR	
			Main&Side PIR	Open Main and side PIR	default
			OFF	All OFF	
	Sensitivity	Single selection	Auto	According to the environmental temperature automatic adjustment	default
			Low	lowest	
			Normal	normal	
			High	highest	
	Interval	Number	0sec-59min	the interval of next trigger after the previous trigger.	One min

### Time and date setting

Set time and date, to be local time synchronization, in order to accurately capture the target activity time. So before use the camera, please set the time and date according to local accurate time and date.

Setting steps:

1. Press **■** to set enter the setting menu.
2. Press **▲** and **▼** to move to Time and Date setting, and press **■** to enter the sub-menu.
3. Press **▲** and **▼** to move to the corresponding options, press **■** to enter the options menu.
4. Press **▲** and **▼** to move to the corresponding parameters, selected and press **■** to save.
5. After setting, press **◀** to return previous menu, and press **□** to exit.
6. For character input, press **▲ ▼** and **◀ ▶** to select a character, press **■** key to input; After complete, press **□** return to the previous menu.

Time and Date	Time Format	Single selection	12hours	display: 6:42:54pm	
			24hours	display: 18:42:54	default
	Date Format	Single selection	YYYY-MM-DD	2014-11-6	
			MM/DD/YYYY	11/6/2014	default
			DD/MM/YYYY	6/11/2014	
Setup Time	date	2014-11-6 18:42:54	If you need to manually		



		and time		set the date and time,please set Auto off.	
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## Timer

This function allows the camera to auto shoot photos and videos at specified days and time period during the specified intervals. You can set three time periods per day and can be set to repeat per week.

Setting steps:

1. Press **■** to set enter the setting menu.
2. Press **▲** and **▼** to move to Timer setting, and press **■** to enter the sub-menu.
3. Press **▲** and **▼** to move to the corresponding options, press **■** to enter the options menu.
4. Press **▲** and **▼** to move to the corresponding parameters, selected and press **■** to save.
5. After setting, press **◀** to return previous menu and press **▶** to exit.
6. For character input, press **▲ ▼** and **◀ ▶** to select a character, press **■** key to input; After complete, press **▶** return to the previous menu.

Timer	timer	Single selection	ON	Start timer function	
			OFF	Close timer function	default
	Time Lapse	Time	0~60min	If the timer lapse is 0, it is PIR induction mode	
	Timer1	Time interval	00:00:00	start time	
			00:00:00	end time	
	Timer2	Time interval	00:00:00	start time	
			00:00:00	end time	
	Timer3	Time interval	00:00:00	start time	
			00:00:00	end time	
	Repeat	multiple selection	Monday	The selected effect	√
			Tuesday		√
			Wednesday		√
			Thursday		√
Friday			√		
Saturday			√		
Sunday			√		



## view, delete photos and videos

Setting steps:

1. Press  $\square$  to enter view mode, the thumbnail photos and video will shown on screen.
2. Press  $\blacktriangle$   $\blacktriangledown$  and  $\blacktriangleleft$   $\blacktriangleright$  to move from up to down and left to right, press  $\blacksquare$  to select the photo or video for full screen.
3. At the full screen display, press the  $\blacktriangleleft$   $\blacktriangleright$  can be switched to the previous or next picture.
4. At the full screen display,press  $\blacktriangle$  to return to thumbnail display.
5. At the full screen display, press  $\square$  for photo delete hint, press Delete or Cancel; press  $\blacksquare$  confirm the operation.
6. press  $\blacksquare$  again to enlarge image, press  $\blacktriangle$   $\blacktriangledown$  and  $\blacktriangleleft$   $\blacktriangleright$  to view image details.
7. If you select a video, press  $\blacksquare$  to play or pause, press  $\blacktriangleleft$   $\blacktriangleright$  to control the speed of fast-forward and slow forward; during playback, press  $\blacktriangledown$  to enter reverse playback, press  $\blacktriangleleft$   $\blacktriangleright$  to control the speed of slower retreat and quicker retreat , then press  $\blacktriangle$  to return to the thumbnail display.

## Camera Name

Setting steps:

1. Press  $\blacksquare$  to set enter the setting menu.
2. Press  $\blacktriangle$  and  $\blacktriangledown$  to move to Camera name, and press  $\blacksquare$  to enter the sub-menu.
3. Press  $\blacktriangle$   $\blacktriangledown$  and  $\blacktriangleleft$   $\blacktriangleright$  to select a character, press  $\blacksquare$  key to input it. Press  $\square$  return to the previous menu after complete.
4. After setting, press  $\blacktriangleleft$  to return previous menu, and press  $\square$  to exit.

Camera Name	character	24 characters	It is made up of Numbers, letters and characters.
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## Night Vision

This setting is good for improving the shooting effect, caused by insufficient light illumination change at sunrise and sunset. You can select Auto mode, Day or night mode. In auto mode, you can control the conversion time of



day and night by setting the luminance value.

Setting steps:

1. Press **■** to set enter the setting menu.
2. Press **▲** and **▼** to move to Night vision mode, and press **■** to enter the sub-menu.
3. Press **▲** and **▼** to move to the corresponding options, press **■** to enter the options menu.
4. Press **▲** and **▼** to move to the corresponding parameters, select and press **■** to confirm save setting.
5. After setting, press **◀** to return previous menu, and press **□** to exit the menu.

Night Vision	Night Vision Mode	Single selection	Auto	Auto detect day and night mode	Default
			Day	Always on day mode	
			Night	Always on night mode	
	Day to Night	Number	0~16	Illuminance,unit:Lux	4
	Night to Day	Number	0~16	Illuminance,unit:Lux	5

### User Interface Stamp

Open the User Interface Stamp, the camera ID, Shooting Date, Temperature and Moon phase will be displayed on the corresponding pictures taken.

Setting steps:

1. Press **■** to set enter the setting menu.
2. Press **▲** and **▼** to move to User Interface Stamp, and press **■** to enter the sub-menu.
3. Press **▲** and **▼** to move to the corresponding options, press **■** to enter the options menu
4. Press **▲** and **▼** to move to the corresponding parameters, selected and press **■** button to confirm save setting.
5. After setting, press **◀** to return previous menu, and press **□** to exit.

User Interface Stamp	Camera ID	Single selection	ON	Stamp the camera name	Default
			OFF	No stamp	
	Shooting Date	Single selection	ON	Stamp shooting time	Default
			OFF	No stamp	
	Temperature	Single selection	ON	Stamp temperature	Default
			OFF	No stamp	
	Moon Phase	Single selection	ON	Stamp moon phase	Default
			OFF	No stamp	



## Password

Password protection is to increase security of camera parameters. You should input the correct password after you open the password protection function.

Setting steps:

1. Press **■** to set enter the setting menu.
2. Press **▲** and **▼** to move to Password setup, and press **■** to enter the sub-menu.
3. Enter the password and press **■** to save.
4. After setting, press **◀** to return previous menu, and press **▶** to exit.

Password	Password	Single selection	ON	Open password protection	
			OFF	Close password protection	Default
	Password setup	digit	1111	Make up of four numbers from 0 to 9	1111



After opening password protection, if the wrong password is entered for more than six times continuous, the camera will be locked. Then need for specialized operations to return to normal.

## SD Card Format

Setting steps:

1. Press **■** to set enter the setting menu.
2. Press **▲** and **▼** to move the cursor to SD Card Format, and press **■** to enter prompt menu.
3. Press **◀** and **▶** to move to the corresponding parameters, selected and press **■** to save.
4. After setting, press **◀** to return previous menu, and press **▶** to exit.



This operation will lose the SD card, be careful.

## SD Card Cycle

After starting the SD Card Cycle, when SD card memory is full, the new recorded file will automatically overwrite the old file.

Setting steps:



1. Press **■** to set enter the setting menu.
2. Press **▲** and **▼** to move to SD Card Cycle, and press **■** to enter the sub-menu
3. Press **▲** and **▼** to move to the corresponding parameters, selected and press **■** to save.
4. After setting, press **◀** to return previous menu, and press **▶** to exit.

### Default Setup

For error of the parameter settings, the device will restore all settings to factory default settings.  
Setting steps:

1. Press **■** to set enter the setting menu.
2. Press **▲** and **▼** to move the cursor to Default setup, and press **■** to enter prompt menu.
3. Press **◀** and **▶** to move to the corresponding parameters, and press **■** to save, the camera will turn off automatically.



This operation will make the camera automatically shut down, need to restart the camera to restore the factory Settings to take effect.

### Version

Setting steps:

1. Press **■** to set enter the setting menu.
2. Press **▲** and **▼** to move to Version, and press **■** to view.
3. After setting, press **◀** to return previous menu, and press **▶** to exit the menu.

## V.Important Information:

### 5.1.No operation, automatically turn off.

If the camera button within 120 S without any operation in test mode, the system will automatically turn off.

### 5.2.Laser alignment

In test mode, press **◀** to open the laser light, then press button **◀** to close.

### 5.3Fast switch shooting

In test mode, press **▼** to switch to camera mode and press **▲** to switch to video mode; then press **▶** to shot.

### 5.4.Low power alert

When the battery is below 20%, the system will make low power alert in test mode, the icon will turn red. The



camera will auto power off while voltage less than 4.0V

### 5.5 Connection of external power

There is an external power input interface at the bottom of the camera, you can use the external power supply to charge, For example, solar battery, DC power supply, storage batteries and so on.

1. External power supply must be with DC 6V 1A
2. The bottom of the waterproof cover will be opened for external power supply, so the camera waterproof grade will be reduced. The camera can't be inverted installation,not even put in the water at this time.



Polarity of power interface



When purchasing power supply, please note that the rated voltage, current, power connector and polarity.

### 5.6 Camera bottom cover seal

We use 20mm width high strength elastic fastener for camera cover please make sure to securely fasten the buckle bottom seal after installation , to ensure good waterproof, dust-proof performance.

### 5.7 USB cable use

For the camera and PC data connection,then. can view file,copy, delete and set parameters operations through PC.

### 5.8 TV Video Cable Use

For the camera and TV connection,then.can display a large screen through TV.

First put one end of AV RCA connectors into the TV video input jack, then the other end into the camera AV output jack.

Switch The TV to AV input mode, Turn on the camera, the TV will display the same picture with the camera shows.



Some cameras may need to be set to the TV mode to display the image. Since the AV output quality is limited to 752 \* 576 pixels, play the videos and pictures It will be lower than the actual resolution while playing the video and photos. So please don't be mistaken for a lack of definition of the camera.



### 5.9 850nm IR LED

We adopt 850nm invisible light LED lighting and special anti red exposure technology, then the red light spot can't be seen while lighting.

### 5.10 SD card capacity data sheet

Data sheet below will show you the capacity of different size of SD card. Then you will know which size of SD card fit your need.

Resolution	Pixel	File Size	SD Spec.	Capacity	Picture amount
1M	1280×720	176K	4G	3.725G	appr. 21100
			8G	7.45G	appr. 42350
			16G	14.9G	appr. 84600
			32G	29.8G	appr. 169300
2M	1920×1080	384K	4G	3.725G	appr. 9700
			8G	7.45G	appr. 19400
			16G	14.9G	appr. 38800
			32G	29.8G	appr. 77600
3M	2400×1350	512K	4G	3.725G	appr. 7270
			8G	7.45G	appr. 14500
			16G	14.9G	appr. 29100
			32G	29.8G	appr. 58200
5M	3072×1728	896K	4G	3.725G	appr. 4150
			8G	7.45G	appr. 8300
			16G	14.9G	appr. 16600
			32G	29.8G	appr. 33200
8M	3680×2070	1408K	4G	3.725G	appr. 2640
			8G	7.45G	appr. 5290
			16G	14.9G	appr. 10580
			32G	29.8G	appr. 21160
12M	4608×2592	2176K	4G	3.725G	appr. 1710
			8G	7.45G	appr. 3420
			16G	14.9G	appr. 6840
			32G	29.8G	appr. 13690

Notes : This list is for reference only, actual use may have a certain deviation with list data.



## VI.Warranty Information

### 6.1.General self-test and repair

If the camera malfunction, please see the following guide operation, if the malfunction can't be solved, please contact our local distributor.

<b>General malfunction</b>	<b>Self-test and solution</b>
<b>camera can't be open</b>	Check whether the batteries are installed correctly, the external power whether open circuit or not , the SD card capacity size meets requirement, confirm the switch is not on OFF position.
<b>Always black and white image</b>	check the camera setting is correct with the corresponding parameter's setting
<b>Button doesn't work</b>	Disconnect the power and restart the camera
<b>The camera auto power off in test mode</b>	Check whether the power supply is normal, or long time no operation on buttons
<b>Abnormal display shows</b>	Check whether screen surface is clean, if under the condition of low and high temperature, display screen shows may seem a bit dark, It can be automatically recover in normal temperature.
<b>image out of focus</b>	Whether there is a big shake when shooting camera, you can fix the camera and see the effect.
<b>SD card can not be</b>	Check whether the SD card is write protected or damaged



<b>stored</b>	
<b>Image not displayed when TV cable connect</b>	Check whether the TV cable connect is correct or not, and check the TV cable is damage or not.
<b>Password lost</b>	Press  for 3 seconds and enter to set new password,then re-burning software.

## 6.2 After sale service

We provide one year after sale service for free maintenance.If your product is out of our service period or damaged by manually wrong operation,we can still provide the paid service including parts repair or replacement.

## VII.Other information about environment protection and warning

To protect the environment of earth, EREAGLE pay more attention to environment in the whole production process, and take various measures to provide customers with more environmentally and friendly product.

Item name	Toxic and harmful substance or elements					
	Lead (pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr6+)	polybrominated biphenyls (PBB)	polybrominated diphenyl ethers (PBDE)
Diode	X	o	o	o	o	o
Resistance	X	o	o	o	o	o
Rigid circuit board	X	o	o	o	o	o
LED	o	o	o	o	o	o
Integrated Circuit (IC)	o	o	o	o	o	o
Dynamic	o	o	o	o	o	o



Random access memory (DRAM)						
Capacitance	o	o	o	o	o	o
Filter capacitor	o	o	o	o	o	o
Filter	o	o	o	o	o	o
Socket	X	o	o	o	o	o
Light	o	X	o	o	o	o
Battery	o	o	o	o	o	o
Screw	o	o	o	o	o	o
Metal shaft	o	o	o	o	o	o
Cable	o	o	o	o	o	o
Flexible printed circuit	o	o	o	o	o	o
microphone	o	o	o	o	o	o
inductance	X	o	o	o	o	o
camera lens	o	o	o	o	o	o
label	o	o	o	o	o	o
carton	o	o	o	o	o	o
user manual	o	o	o	o	o	o
bubble pack	o	o	o	o	o	o
filer	o	o	o	o	o	o
rubber	o	o	o	o	o	o
keypad	o	o	o	o	o	o
electric wire	o	o	o	o	o	o
case	o	o	o	o	o	o
spring	o	o	o	o	o	o
crystal oscillator	o	o	o	o	o	o
IC amplifier	o	o	o	o	o	o
switch	o	o	o	o	o	o
CD	o	o	o	o	o	o

O: indicates that the content of the toxic and hazardous substances in all homogeneous materials of this part is below the limit specified by 11363-2003 SJ/T

X: indicates that the toxic and hazardous substances in at least one of the components of a homogeneous material exceeds the limited requirements specified by 11363-2003 SJ/T



Note: For the components of the exceed harmful substance, it can't be replaced as it cannot be achieved due to the global development level, but EREAGLE are making efforts for the development of alternative technologies.

**Note: This device is tested based on the A CLASS FCC 15 digital devices limitation. These limitations are designed to provide protection against harmful interference when used in business environments.**

The electromagnet wave will emit when use and production. If you are not follow the instruction to install or use this product in a residential area, it is possible to produce harmful electromagnet interference. In this case, the user need to improve the interference at their own expenses.

Without the permission of the original manufacturer, to replace and repair the camera will make the rights of customers not guaranteed.

**Warning:**

- Do not use any power which the manufacturer not recommended.
- Do not expose the camera in extremely high temperature and humidity environment.

**Warning**

**The camera need to be checked regularly.**

Please contact company professional person to check.

**Please stop using the camera when a fault is found.**

Please don't let the camera work in the smoke or wet environment for long hours, otherwise there will be a risk of fire.

**Please do not install the camera on the surface that can't support the camera well.**

Please install the camera on the right surface, otherwise it will fall or other dangers.

**Do not touch the camera lens with wet hands.**

The photo will be blur in that case.

**Do not put the camera near flammable gas or oil.**



It will lead to fire or other dangers.

Do not use the camera at the temperature exceed the limit.



The normal operating temperature of the camera is  $-30^{\circ}\text{C}\sim+70^{\circ}\text{C}$ . Please keep ventilate when used in high temperature.

Do not use and install the camera under the condition of high humidity.



It will cause lower image quality and camera malfunction.

Don't let the camera have a hit risk.



It will cause the camera malfunction.

Don't use the camera in unstable lighting conditions.



Strong light flash and change will make the camera work unstable.

Don't let the camera head straight to the strong light



It will cause the damage to the CCD. It will lead to the damage of internal structure or devices, fire, electric shock or other dangers.

Do not disassemble the camera without permission.





## Appendix Technical Specification

Photo and Video	
Image sensor	5 Mega Pixels 1/3" HD Color CMOS Sensor
Sensitivity (LED off)	0.005 Lux / F1.2 / 30IRE (LED off)
Effective Pixels	2560×1920 / 4915.2K
Photo definition	12M/8M/5M/3M/2M/1M 4000×3000/3624×2448/2560×1920/2048×1536/ 1920×1080/1280×720
Shooting No.	1~5
Video definition	1920×1080/30 fps; 1280×720/60 fps; 1280×720/30 fps; 720×480/30 fps
Video length	1~120s
Lens	5 Mega Pixels 6mm HD Fixed Lens (FOV=75°; F=2.8)
Trigger time	< 1 Sec
Photo+Video	First photo, then video
Max Shooting	Support; 0~255, 0 means no limit
View	Support thumbnail, 16 times enlargement, support video playing, support advance X2/X4, retreat X2/X4
LCD Display screen	2.0" LCD screen ; resolution: 960×480; 16.7M Color



<b>Audio parameter</b>	
<b>Microphone</b>	60dB high sensitivity sound collection
<b>Loudspeaker</b>	0.5W (8Ω) Hi-Fi loudspeaker
<b>buzzer</b>	ON / OFF; beep while alarm
<b>Audio record</b>	ON / OFF
<b>Boot sound</b>	ON / OFF
<b>Key sound</b>	ON / OFF
<b>PIR parameter</b>	
<b>PIR sensing angle</b>	Main PIR:60°with 8 interval Pre PIR: Left and right light beams form an angle of 100°,each lens covers 10°
<b>PIR sensing distance</b>	20M / 65.62ft ( at 77°F/25°C )
<b>PIR mode</b>	Main PIR / Main&Side PIR/ OFF
<b>PIR sensitivity</b>	auto/low/normal/high
<b>Trigger interval</b>	0sec-59min,Programmable
<b>Night vision parameter</b>	
<b>IR LED light</b>	850nm/940nm; 12u; 30ea
<b>IR flashlight distance</b>	25M / 82ft



<b>Night vision mode</b>	Auto/day/night
<b>Lux change</b>	Day to night: 0~16 Lux optional Night to day: 0~16 Lux optional
<b>User Interface Stamp</b>	
<b>Shooting date</b>	ON / OFF
<b>Moon phase</b>	ON / OFF
<b>Camera ID</b>	ON / OFF
<b>Temperature</b>	ON / OFF
<b>Product safety</b>	
<b>Password protection</b>	Support 4 numbers, auto lock the camera if wrongly input the password for 6 times
<b>Product lock</b>	Padlock installation
<b>Anti-theft lock hole</b>	support
<b>Timer</b>	
<b>Timer mode</b>	ON / OFF
<b>Time lapse</b>	ON / OFF
<b>Timer interval</b>	0~59 min
<b>Timer</b>	Can set three period of time per day



<b>Repeat</b>	From Monday to Sunday optional
<b>Storage,power supply,power consumption parameter</b>	
<b>Memory</b>	4G~32G( recommend SanDisk brand SD card with C10 standard.)
<b>SD card cycle save</b>	ON / OF
<b>Power supply</b>	12×AA
<b>Stand-by time</b>	5~8 months (4A×AA ~ 12×AA)
<b>External power inupt</b>	DC 6V / 1A
<b>Auto power off</b>	Auto power off in 120S while no keypad controlling
<b>Low battery alarm</b>	Warning tone while less than 20% of the power, auto power off while voltage less than 4V
<b>Stand-by power</b>	400 uA (0.0004 A)
<b>Power consumption</b>	200 mA (300 mA while IR LED lights up)
<b>Other parameter</b>	
<b>Operation keypad</b>	6 keys
<b>Interface</b>	DC input, SD card、USB、TV output,Switch
<b>Mounting</b>	Strap,tripod nail
<b>Operating temperature humidity</b>	-30°C~+70°C / 30% ~ 90%RH



<b>Storage temperature humidity</b>	-40°C~+85°C / 0% ~ 90%RH
<b>Waterproof grade</b>	IP58(dust proof /submerging test)
<b>Product Dimension</b>	145.2 x 91 x 78.5mm
<b>Net weight</b>	360g
<b>Certificate</b>	FCC: CE

## Packing list

<b>item</b>	<b>Accessories</b>	<b>Quantity</b>
1	Camera unit	1
2	USB cable	1
3	TV cable	1
4	Camera bandage	1
5	CD disk	1