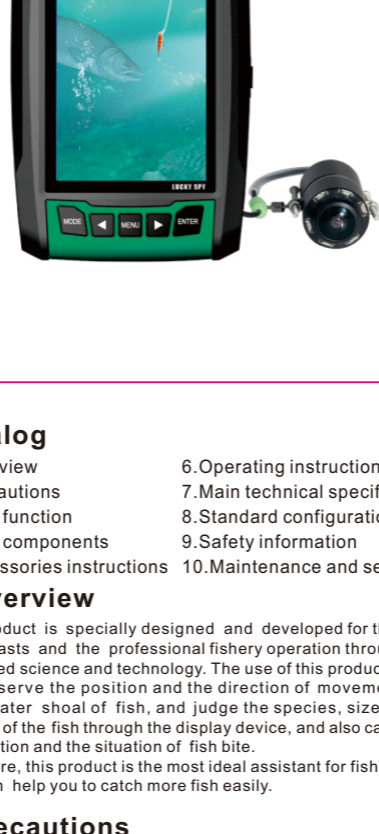


Underwater Fishing Camera FL180PR Manual Guide



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1. Overview

This product is specially designed and developed for the fishing enthusiasts and the professional fishery operation through using advanced science and technology. The use of this product can find and observe the position and the direction of movement of the underwater shoal of fish, and judge the species, size and the number of the fish through the display device, and also can observe the position and the situation of fish bite.

Therefore, this product is the most ideal assistant for fishing, and it also can help you to catch more fish easily.

2. Precautions

- 1.) Firstly, it is necessary to charge the built-in lithium battery for more than 8 hours before using this machine for the first time.
- 2.) Do not remove the monitor of the host machine at will, so as to avoid the accidents and cause the loss by human error.
- 3.) Make sure that the plug of the camera has been reliably plugged into the corresponding plug of the host monitor, and then switch on the supply power of the monitor.

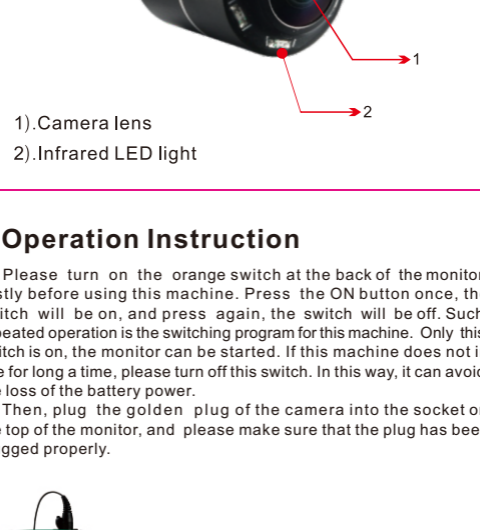
3. Main function

1.) The camera adopts the high-definition camera module with 1/4 inch and 300,000 pixels to take image; the image is clear, and the color reproduction is real and verisimilar. The low-level lighting of the camera is 0.1 LUX, and the resolution reaches up to 420 TV Line. The camera combines with four far-infrared LED lights; this combination can guarantee to observe the dynamic trend of the underwater shoal of fish in extremely dark underwater environment. The power cord is made from the special imported materials which are extremely soft and have high tensile strength. Although the wire diameter is only 2 mm, but it can resist the tensile force above 15 kgs.

2.) The monitor adopts 4.3 inch LCD screen. The monitor has the function of recording, photos-taking, video playback, and viewing pictures, and connecting to computer to copy videos, and also has 9 Languages to choose from: English, Chinese, Japanese, Русский, Korean, español, Deutsch, Italian, French.

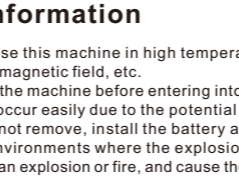
4. Main components

1. Monitor



- | | |
|-----------------------------|-------------------------------------|
| (1) Handheld monitor | (7) Camera socket |
| (2) Left Button | (8) Power ON/OFF |
| (3) Right Button | (9) Charger socket |
| (4) Mode Menu MODE | (10) Place for strap |
| (5) Menu button MENU | (11) Slot for SD card(not included) |
| (6) Enter Key ENTER | (12) Place for stand(not included) |

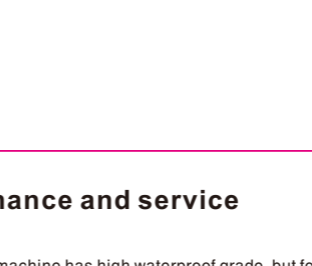
2. Function setting



- (1) Menu Settings --- MENU button: Press the MENU button in photographing or video recording mode to enter the menu settings. The menu settings include format, language, default setting, and date.
- (2) Mode --- MODE menu: Each time the MODE key is pressed, it is a cycle conversion among three modes of photographing, video recording and file browsing.
- (3) Confirmation---ENTER key: In photographing mode, every time the ENTER key presses, it will take a photo; in video recording mode, press the ENTER key once to start recording, and then press it again to stop recording and save it, and then the same cycle of operation.
- (4) Left button: In file browsing mode, press once to scroll forward; When setting menu, press once to select downward.
- (5) Right button: In file browsing mode, press once to scroll backward; When setting menu, press once to select downward.

5. Accessories instructions

1. Name of main parts

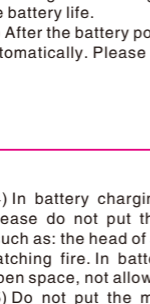


- 1). Camera lens
- 2). Infrared LED light

6. Operation Instruction

1.) Please turn on the orange switch at the back of the monitor firstly before using this machine. Press the ON button once, the switch will be on, and pressing again, the switch will be off. Such repeated operation is the switching program for this machine. Only this switch is on, the monitor can be started. If this machine does not in use for long a time, please turn off this switch. In this way, it can avoid the loss of the battery power.

2.) Then, plug the golden plug of the camera into the socket on the top of the monitor, and please make sure that the plug has been plugged properly.



3.) After the power supply is on, the monitor will show the real-time picture of the image.

7. Standard configuration table

Name	Quantity
handheld monitor	one piece
underwater camera	one set
the lateral detecting bracket of the camera	one set
instruction	one volume
warranty card	one volume

8. Safety information

- 1.) Please don't use this machine in high temperature, bright light and strong electromagnetic field, etc.
- 2.) Please turn off the machine before entering into the place where the explosion will occur easily due to the potential factors. In these places, please do not remove, install the battery and or charge the battery. In such environments where the explosion may occur, the sparks may cause an explosion or fire, and cause the personal injury or deaths.

Note: The above-mentioned places where the explosion may occur should include: fuel area (such as: under the ship's deck, transportation and storage facilities of the fuel or the chemicals), the places where chemical substances and particles spread in the air (such as: particle, dust or metal powder). The places where the explosion hazard may exist will be marked usually, but not all the places are marked by these signs.

- 3.) Please keep the machine and charger in the place where the children can't reach, and the rubber plug of the host machine and other accessories may cause asphyxia due to the blockage of trachea.
- 4.) For your safety, please use the original charger.
- 5.) Please use the charger indoors, do not keep the charger in the place easy access to water, such as the window sill.
- 6.) The charger is non-waterproof, please don't keep and use it in too moist places, such as the kitchen and bathroom; or don't keep and use it in the places where the corrosive gases occur. Otherwise, it may cause the electric shock, explosion or burning accident.
- 7.) If the machine is unused for a long time, it may not start smoothly, please start again after charging for a period of time.
- 8.) Please don't operate the machine continuously for a long time in the strong sunlight. In this case, it will bring about the damage to the liquid crystal. It is better to use the machine in 50 degree ambient temperature or no less than -10 °C

9. Maintenance and service

1. Monitor

(1) Although the machine has high waterproof grade, but for the sake of safety, please keep the machine dry. The rain, moisture and liquid contain many minerals, and will cause the circuit corrosion of the machine.

(2) Please do not keep the machine in dirty and dusty place.

(3) Please do not use or keep the machine in high temperature. The high temperature will shorten the service life of the electronic components, damage the battery, and deform or melt some plastic parts.

(4) Do not use or keep this machine in the super cooled place. When the machine is in normal temperature, the moisture will condense within the machine, and cause the damage to the circuit board.

(5) Do not disassemble the machine at your own discretion; the nonprofessional treatment may damage the machine. When the machine breaks down, please connect with LUCKY dealers or the salesmen for the after-sales service.

(6) Please avoid falling off, beating and vibrating the machine; the inappropriate external force will bring about the damage to the circuit and LCD monitor within the machine.

(7) Do not use the chemical solvents or cleaning agents to clean the machine. If you want to clean the machine, please use the soft cotton fabrics with the water or neutral soap to wipe the machine casing gently. Please be sure to pull out all the cables when cleaning the machine.

(8) Do not use the painting to paint the machine. The pigment may block the machine components, and affect the normal operation accordingly.

2. Built-in lithium battery

(1) The lithium batteries can be charged and discharged for hundreds of times, but will fail eventually. When the battery life is significantly shortened, it is necessary for you to purchase and replace the new battery.

(2) When the charger isn't in use, please pull out from the power socket outlet. Please don't connect the fully-charged machine with the charger for a long time, because the overcharge will shorten the battery life.

(3) After the battery power is used out, the machine will switch off automatically. Please note to charge in time.

(4) In battery charging, due to the battery temperature will rise, please do not put the machine together with the inflammables (such as: the head of a bed, clothes and books, etc.), so as to avoid catching fire. In battery charging, please keep the machine in the open space, not allow to be covered.

(5) Do not put the machine into the fire, or put it in extremely hot place, in case of the battery explosion.

(6) In order to prolong the service life of the machine battery, please keep the battery power in full state. When it isn't in use, please wrap the machine with the non-conducting materials after charging the machine (in half-full state), and put it in a cool, dry and dark place. The storage time is no more than a month. A month later, please recharge it.

(7) If the power line or the socket of the charger has worn or damage; the charger is caught in the rain or dampened seriously; the charger case is broken; you want to clean the charger; as long as one of the above-mentioned situations occur, please pull out the charger plug immediately.

10. Specification

1) Display: 4.3 Inch LCD

2) Used for fishing, diving, swimming and other outdoor sports

3) 4 IR LED lights design, providing a wider underwater vision range

4) Visible Angle: 120 degrees

6) Max cable length: 20M

7) Power: 3.7V rechargeable lithium batteries

8) Operational Temperature: 14° F to 122° F (-10° C to 50° C)