

underwater camera fish finder

Common Type

Recording Type



Type A

Type B

Instruction Manual

I Safety Notes

- 1、 Please read the manual carefully before using it.
- 2、 Handle it carefully during operation, avoid throwing down or pressing it heavily.
- 3、 If the users disassemble or deliberately damage the machine, it will be beyond the warranty.
- 4、 Please copy your information before connecting the SD card, the manufacturer will not be responsible for the loss caused by losing data. (for recording type)
- 5、 Don't cut off the power supply while recording or playing, it will probably cause damage to the product and recorded documents. (for recording type)
- 6、 After being used, turn off the display and pull out all the connection joints.

II The Range of usage

The product is an underwater video camera and fish finder

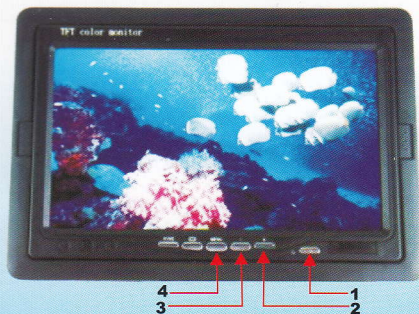
- 1、 fish finder
- 2、 underwater breeding monitoring
- 3、 fishing monitoring
- 4、 underwater viewing
- 5、 underwater adventure
- 6、 water well monitoring

III Specifications

Program	parameter
Charger	AC100-240V DC12.6V 1000MA
Battery	lithium battery 12V4000MA
Camera light source	Type A: Fourteen high-power brightly white lights
	Type B: six white lights
camera picture	color
monitor image	color
camera:	high resolution
monitor input voltage	12VDC
SD card	standard 2G (for recording type)
operation temperature	-20-60 degrees
storage temperature	-30-80 degrees
package size	Type A: 400MM*165MM*345MM
	Type B: 225MM*120MM*190MM
gross weight	Type A : 4.8KG
	Type B: 1.6KG

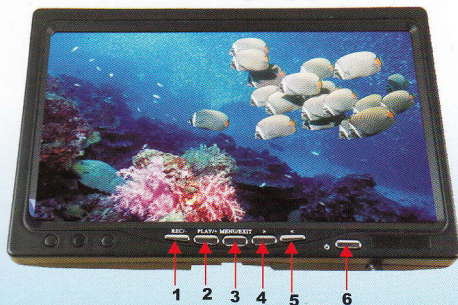
IV Display operation interface instructions

Common Type



1. power 2. adjustment + 3. adjustment - 4. menu

Recording Type



1. record/ adjustment - 2. play the video/ adjustment +
3. menu/exit 4. forward 5. backward 6. power

V how to operation

Common Type

1. Boot

Connect all the connectors and press the power key, the system will start to work.

2. Menu Settings

1> Brightness

Press the MENU key to enter brightness setting, press the "+ -" key to set the brightness, and then press the MENU key again to quit the menu page after doing this.

2> Contrast

Continuously press the MENU key twice to enter contrast setting, press the "+ -" key to set the contrast, and then press the MENU key again to quit the menu page after doing this.

3> Color setting

Continuously press the MENU key for three times to enter the color setting, press the "+ -" key to set the color, and then press the MENU key again to quit the menu page after doing this

3. Image mode

Press the "image mode" key, and the images will overturn in all directions.

Recording Type

1. Boot

Connect all the joints and press the power key, the system will start to work.

2. Menu settings

Press MENU to enter the menu page

1> Language Setting– After entering the menu, select the first icon and press MENU to shift between Chinese and English. Then press > or < to select "quit" and press MENU to confirm.

2> Light, Contrast & Chroma Settings– After entering the menu, press + or – to select the second icon and then press > or < to select the option to be set. Press + or – to set the parameter of the selected option. Then press > or < to select quit and press MENU to confirm.

3> Date and Time Settings– After entering the menu, press + or – to select the third icon and then press > or < to select the option to be set. Press + or – to select the sub-option to be set and press > or < to set the parameter for the selected option. Then press MENU and select quit, and confirm by pressing MENU.

4> Photo Setting– After entering the menu, press + or – to select the fourth icon and press > or < to select the option (view, shoot, delete, format, back-up, quit) to be set. Then press MENU and select quit, and confirm by pressing MENU.

5> Video Setting– After entering the menu, press + or – to select the fifth icon and press > or < to select the option (record, play, format, quit) to be set. Then press MENU to confirm the selected option, finally quit by pressing MENU.

3. Record

When inserting a new card or something goes wrong with the card, press the button REC and format will appear in

the middle of the screen. Select "Yes" by pressing > or < and then press MENU, then the card will be formatted.

1> Press REC and the recording will start. The left top corner of the screen will reveal the recording date and time.

2> Press MENU during the recording to quit the recording mode. Notes: To facilitate replay and protect the record file from getting lost, when the file size reaches 512 MB, the system will automatically pack the file and store it.

4. play the video

1> Press PLAY to view the video file and the video will play automatically. Press > or < to select the video package. When the video is being played, at the left top corner of the screen will reveal the date and time of the record and an icon of playing.

2> When the video is being played, you can press the PLAY button to select Slow-Play. Quick retreat at 2 / 4 / 8 / 16 / 32 times the normal speed can be selected.

3> When the video is being played, press REC to select Quick-Play. Quick Progress at 2 / 4 / 8 / 16 / 32 times the normal speed can be selected.

4> When the video is being played, it will pause if you press MENU and then continue if you press MENU again.

5. Quit

In whatever operation, long press the MENU button and you can quit the current operation.

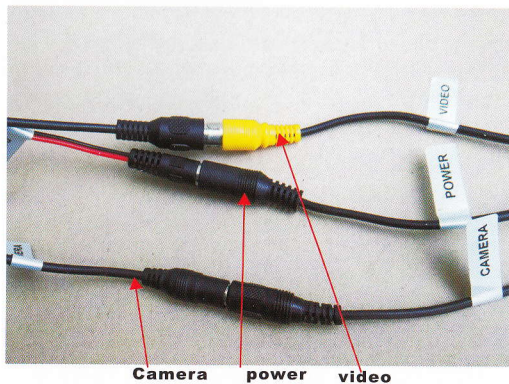
VI Connection

Type A

1. monitor video
2. Power of monitor
3. Camera cable



Type B



VII Charging

When the battery power is low, it needs charging, and the method is as below:

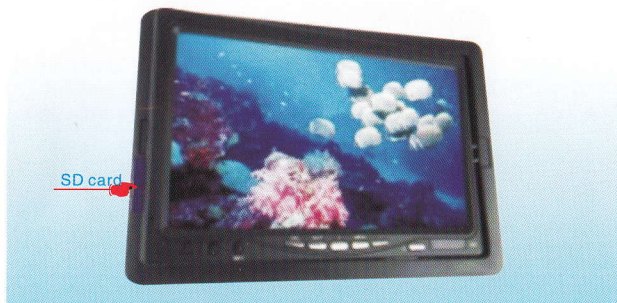
- 1、Take out the battery and charger from the box.
- 2、Connect the charger to the battery (red to red, black to black)
- 3、Connect the charger to the alternating current of 110–200v. The red indicator means charging.
- 4、The green indicator means finishing charging. Notes: to make sure the battery using age longer, please recharge it timely; otherwise, it will make it can not recharged.

VIII The method of taking out the SD card

- 1、Press the buttons on both sides of the display with two hands at the same time to pop the display.



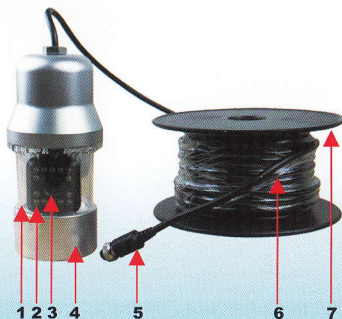
- 2、 Press the SD card slightly on the left corner of the display to pop the SD card.



IX Product components and accessories

1>Type A Camera

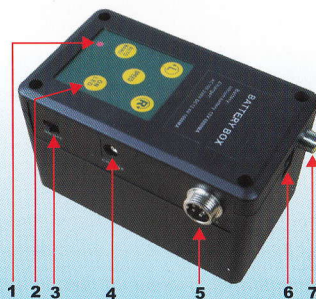
- 1 transparent case
- 2 highlight night-vision
- 3 lens
- 4 metal casing
- 5 camera connection
- 6 cable
- 7 reel



Feature of the camera:

- 1、 The casing of camera is all made of metal, firm and durable.
- 2、 The visual angle of camera is 360 degree, the camera rotates automatically, manually, AB section.
- 3、 Rotation speed level control.
- 4、 With 14 highlight night-vision lights, which can fill the light well.
- 5、 Night-vision LED light can be controlled by the switch.
- 6、 Applied ultra high definition camera board, with good camera shooting effect.
- 7、 With 20m/30m/50m special cold-resistant, water-proof, and anti-pressing cable.

2> Type A power box



- 1 power light
- 2 key
- 3 power switch
- 4 charging connecting base
- 5 camera connector
- 6 power of monitor
- 7 monitor video

1、 startup& shutdown

1>Connect all connectors (camera aviation line and monitor line); turn the power switch to ON, the power light is on.

2>Press "ON" on the keyboard, the machine starts operating under auto mode.

3>Press "L" and "R" at the same time, the machine stops.

4>Turn the power switch to "OFF", and disconnect the connectors.

2、 Turn on the night-vision light.

Press "LED" on the keyboard to control the switch of night-vision of the camera. The light is on when starting up.

3、 Rotate manually and automatically

1>Press "AUTO/MANU" to switch manual and auto rotation. It will be auto when starting up, the camera will rotate right under auto status.

2>Turn left. Press L under manual status, the camera turns left, press L again the camera stop.

3>Turn right. Press R under manual status, the camera turns right, press R again the camera stop.

4>Rotate to specified angle. Press R under auto status to choose angle A, then press R to choose angle B, the camera rotates between A and B. Press R again to cancel the rotation and turn to auto status.

4、 Rotation speed control

1>Press SPEED under auto status and start high-speed rotation. Press SPEED again to go back to normal speed.

2>Press L under auto status, control the speed with 6 levels.

5、 Change the fuse

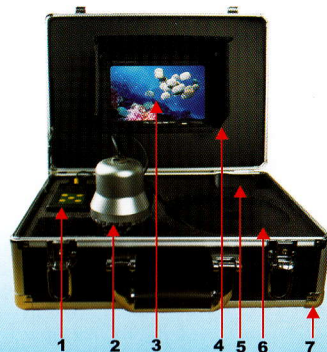
1>Take down the side logo on the power box.

2>Take down the four bolts on the corner of the power box.

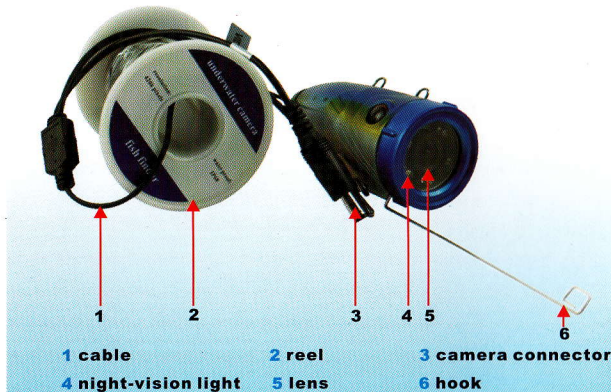
3>Take down the battery output fuse in the power box and change a new one. The fuse type is 3A.

3>Type A system

- 1 power box
- 2 camera
- 3 display
- 4 sunshade cover
- 5 charger
- 6 cable
- 7 aluminum box



4> Type B Camera



5>Type B system

- 1 float 2 battery
3 charger 4 display
5 camera 6 cable
7 aluminum box



X Common breakdown and process

breakdown	Reasons and process
No electricit	1、 Check all the connction to see whether something goes wrong 2. Check whether the fuse is disconnected.
No picture shows when the indicator is on; the indicator can't be on	1、 check all the connection 2、 check the battery powerful or not, try again after charging.
Unable to record	1、 the card is plugged in the right place or not 2、 the new card is formatted or not 3、 power-down while recording or not
Unable to charge	1、 the indicator of the charger is bright or not 2、 the DC plug is placed appropriately or not

XI Product warranty service card

Name		Tel	
Address			
Product Name		Model	
Purchasing Date			
Invoice or Receipt Number			
Dealer	Tel	Contactor	
Breakdown Description			