Product warranty service card

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

360°panning

underwater camera
fish finder

Instruction Manual

Vnr 152-955

Safety Notes:

1、Please read the manual carefully before using it.

2、andle it carefully during operation, avoid throwing down or pressing it heavily.

3、If the users disassemble or deliberately damage the machine, it will beyond the warranty.

4、After being used, turn off the display and pull out all the connection joints.

5、Please keep distance from the system when charging

6、To make the product better, we set the camera lens and the related specifications basing the underwater environment. it is normal If there is any different when u using not in the water.

7、Due to the version upgrades，if mentioned in this manual content does not accord with your machine, please refer to our machine.

Description

1、360°panning camera, wide viewing angle.

2、Housing: strong, durable and easily radiating.

3、HD SNOY camera.

4、with 36 bright night vision lights (24pcs white light, 12pcs infrared lights), perfect vision effect.

5、white light and infrared light can be switched, the light can be turned on or off.

6、High quality special cable, waterproof and anti-corrosion/cold/tensile.

7、With sun-visor for bright environment outside

8、The product is an underwater video camera and fish finder fish finder 、underwater breeding monitoring 、fishing monitoring、underwater viewing 、underwater adventure、water well monitoring ……

2> power box

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

3>System

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

Product components and accessories

1>Camera

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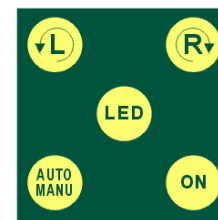

Feature of the camera:

(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) with 36 bright night vision lights (24pcs white light, 12pcs infrared lights), perfect vision effect.

(4) white light and infrared light can be switched, the light can be turned on or off.

(5) Applied ultra high definition camera board, with good camera shooting effect.

(6) With special cold-resistant, water-proof, and anti-pressing cable.

Specifications

Program	Parameter
Display	HD wide viewing angle
Menu languages	Multi-language
Camera	High resolution
Water proof	IP68
Cable （diameter）	5MM
Camera light source	36pcs bright night light
White light	24pcs
Infrared light	12pcs
Camera material	hardware shell
Depth	20M(selectable line length)
Camera picture	Color
Monitor image	Color
Charger	AC100-240V
Battery	Lithium battery
Monitor input voltage	12VDC
Operation temperature	-20—60 degrees
Storage temperature	-30—80 degrees
Aluminium box size	390*320*150mm
Package size	410*360*160mm
Switchboard net weight	5.2KG
Packaging machine weight	5.7KG

Button operation manual

(1) Startup& shutdown
①Connect all connectors (camera aviation line and monitor line); turn the power switch to ON, the power light is on.
②Press "ON" on the keyboard, the machine starts operating under auto mode.
③Press "L" and "R" at the same time, the machine stops.
④Turn the power switch to "OFF", and disconnect the connectors.
(2)Switch Night Vision Light.
　　Press "LED" on the keyboard to control the switch of night-vision of the camera.Default: The white and infrared lights are turn off.
①Press the LED button for the first time: the white light is on and the infrared light is off.
②Press the LED button for the second time, the infrared light is on, and the white light is off.
③Press the LED button for the third time,the white light and the infrared light are on simultaneously.
④Press the LED button for the fourth time to enter the power-on state, and the white light and the infrared light are simultaneously turned off.
　　Circulate in this way
(3) Rotate manually and automatically
①Press "AUTO/MANU" to switch manual and auto rotation.
It will be auto when starting up, the camera will rotates right under auto status.
②Turn left. Press L under manual status, the camera turns left, press L again the camera stop.
③Turn right. Press R under manual status, the camera turns right, press R again the camera stop
④Rotate 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.

Connection

　1. video　　　　　2. Power　　　　3. Camera cable

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.

　3、Connect the charger to the alternating current of 110-220V. The red indicator means charging.

　4、The green indicator means finishing charging.

Notes: 1.to make sure the battery using age longer, please recharge it timely; otherwise, it will make it can not recharged.

　　　2. please keep distance from the system when charging