

RD36 Bullet Camera **NEW!**

User manual

Before using the product, Please read this manual carefully and keep it properly for future reference, when necessary



30M
Waterproof

SPORTS
HD-MINI DV



User manual

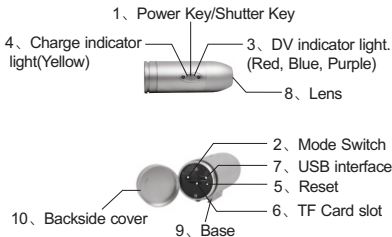
Thank you for purchasing **RD36**, 720P HD Digital waterproof video camera. This product is quite small and delicate with wonderful waterproof humanity design. With a multipurpose damp, it can help you achieve omni-directional video / monitoring under all kinds of outdoor conditions.

This manual contains important safety and operating information. Please read all the information carefully before you use the device to avoid accidents and keep it for future reference.

Features:

- Wonderful waterproof function, underwater up to 30M, Portable used;
- 1/ 2.5 5.0Mega pixel CMOS Lens;
- HD 720P(1280*720@30fps) HD resolution for video,AVI format;
- HD resolution for Photo: 4032*3024 MJPG format;
- 137°wide angle,HD Camera Lens,Low illumination accessibility Record;
- Vibration effect, easy control ,can be changed all kinds of function at will underwater;
- Built-in High capacity Li-battery for 4hours continual video recording;
- Support TF card, up to 32GB;
- 720P video memory consumption: 4GB TF Card can taking video about 35-45min(Relate to scene);
- Photograph memory consumption: 4GB TF Card can taking photo about 2200pcs(Relate to scene);
- USB2.0 High Speed device, can be charge by PC;

Product Structure (With picture)



1. Power Key/Shutter Key 2.Mode Switch 3.DV indicator light.(Red, Blue, Purple) 4.Charge indicator light(Yellow)
5.Reset 6. TF Card slot 7.USB interface 8.Lens 9.Base 10. Backside cover

Installation (With picture)

This product could be hand-held usage directly or you could install in the back-clip or bracket.

As below picture show:

- 1、Off the backside cover
- 2、Install the bracket



Off the backside cover



Install the bracket

Accessories:

User Manual

USB Cable

Bicycle bracket

Option Accessories

CD TF Card Power Multi function turn bracket

Function Specification**1. Starting up**

1) Firstly, please Insert TF card before use the unit, and then press power key for 2 seconds, purple LED will be on, the system would entry initialization. After the initialization finish, the product vibrate once, system will entry corresponding mode according to the location of the mode switch. Blue indicator is for video recording standby mode and Red indicator for photo taking standby mode.

2) Due to the difference capacity and data storage of the TF card, when the camera start up, it need take several or more seconds. so please wait for the prompt of the vibrate.

3) For the product video resolution was HD 720P, it would be better to use the Class 6 micro SD card to get a better video quality.

Notes:

If the TF card not be inserted, the blue indicator would flash quickly when turns on the unit. You need turn off the unit and insert the TF card.

2. Mode transfer

1) When it turns on, press the mode switch to transfer to different mode status.

2) When the switch button in the position of the video mode, blue indicator lights on and enters into video mode; When the switch button in the position of photo taking mode, red indicator lights on and enters into photo taking mode.

3) When the unit is in the video or photo taking mode, swift to different mode, the system would automatically save the files for the current progress, and then go to the next mode.

Note:

The camera will vibrate once after switch the mode successfully.

3. Video Recording

In the video recording mode, shortly press the execute key, the unit will vibrate once, the blue indicator flash slowly and then the unit begins to record video. Shortly press the key again, the camera will vibrate once and blue indicator will be constantly on, unit stop the recording.

Notes:

- 1) The unit would automatically save a file each 20 minutes recording, and then go for the next file video saving.
- 2) Please open the waterproof back cover of the unit for better recording effect when not use it underwater.
- 3) When the TF card is full, battery used up or no operation for 3 minutes, the unit will shut down automatically.

4. Photo taking

In the photo taking standby mode, short press the execute key, then please keep the camera still until it vibrates, a photo has been taken after vibration stop.

Notes:

- 1) The red indicator will go out when it is taking photo, please keep it still for better picture quality!
- 2) When the TF Card is full, battery used up or standby mode for 3 minutes, it will shut down automatically.

5. Turn off and automatic turn off

- > In the standby mode, press and hold down the "execute key", the blue light flashes 3 times and goes out, and then release your hand. The camera shakes twice, and then the camera turns off.
- > When the TF Card is full, battery used up or standby mode for 3 minutes, it will shut down automatically.

6. TF card memory warning & shut down automatically

When TF card was fully loaded when the camera in video or photo taking, system will sound a warning: The purple LED indicator flash quickly with continuous fast rhythm vibrate, and shut down automatically in more than 10 seconds

7. Electricity shortage warning & shut down automatically

During the system starting, if the battery is used up, system will sound a warning: The blue and red LED indicator will flash slowly alternate with continuous slow rhythm vibration, and the unit would shut down automatically in after few seconds.

8. Downloading files and removable disk function

- > Connect the camera with PC USB interface via the USB cable.
- > Press on/off button " " to turn on the unit, and a removable disk will appear in "my computer", you can view the pictures or videos, audio record files in the removable disk "DCIM/100DSCIM", and you can also copy these files to your computer.
- > When connected to computer with USB1.1 port, please copy the videos to your computer desktop, and then replay it to avoid ragged playback.

Function tip:

In the state of this mode, yellow indicator would be on, it means the camera is charging, and it would go out after battery full charged.

9. Charging and indicate

> Plug the AC adaptor into socket, and then connect with the camera for battery recharging. The yellow indicator will be constantly on during charging. Indicator goes out after the battery is full charged. The charging time is about 3 hours. Connect the camera with the USB port, the yellow LED indicator will always on when it charged, and it would go out after the battery full charged.

Notes:

Shut down the camera when charging for energy saving.

10. Taking video when charging

You can open the power of camera when charging and also can taking video at the mean time.

11. System time setting

If the time stamp is wrong, please setting as below:

Connect with computer by USB cable, and then open removable disk, create a new "time.txt" file, the next step Open "time.txt" file and input relevant words of time&date setting up, as following

```
2010.08.08 20:00:00 Y
```

Please set time and date as per the following format:

Video with time watermark: 2010.08.08 20:00:00 Y

Video without time watermark: 2010.08.08 20:00:00 N

Keep a space between date and time, and another space between time and water mark switch.

The time character strings in the above-mentioned format is the time value you want to set up and pay attention to type a spacebar between date and time, another spacebar between time and watermark switch. Y and N at the end serve as the control character on the video file for adding the time&date watermark, Y indicates Yes-Add watermark and N indicates No-Hide watermark.

After finish to edit the file please save "time.txt" file and safely exit the movable disk. Then turns on the power, the system time will be updated.

Note:

If the camera is left unused for extended periods, the battery may completely drain. When this happen the system time will be restored back to the factory defaults.

12. Reset the system

Camera maybe can't use normally cause the outside influence, such as ESD etc. please use a pin to press the pin hole. This will shut the camera down so that a fresh start can be made.

13. Product protection

Please dry the water and place in the shade after use, change the rubber ring if the end cover gasket aging.

Notes:

- 1) Please well tighten the back cover when after charging or connect with PC for prevent leakage water.
- 2) Please do not turn on the camera if it inflow in water, open the back cover, dry it with the hair dryer. If it doesn't work, you call the related agent for after-sale service.
- 3) Don't use the camera underwater over 30M.

Specification

Image Sensor	5Mega CMOS SENSOR
Photo format	JPG 12M 4032*3024
Video format	AVI HD 1280* 720
Frame rate	30fps
Lens Specification	F/1.8 f=3.2mm
	137degree wide-angle
White balance	Auto

Sensitivity	Auto ISO100-400
Subject distance	50cm above
Operating hints	Vibrate
Battery capacity	3.7V/ 1 150MA
Power consumption	<1W
Battery continue working time	About 4 hours
Charging specification	DC5V 500mA
Charging period	About 3.5h
USB port	USB2.0 High Speed
Type of memory card	Micro SD card (T-FLASH)
Capacity of memory card	1GB-32GB
Waterproof Grade	IPX8 (underwater30M lasting 3h)
Operating system	Windows2000/XP/VISTA/WIN
	7/mac10.4 or above
Weight	132g
Dimension(mm)	100(L)40(H)36(W)(mm)