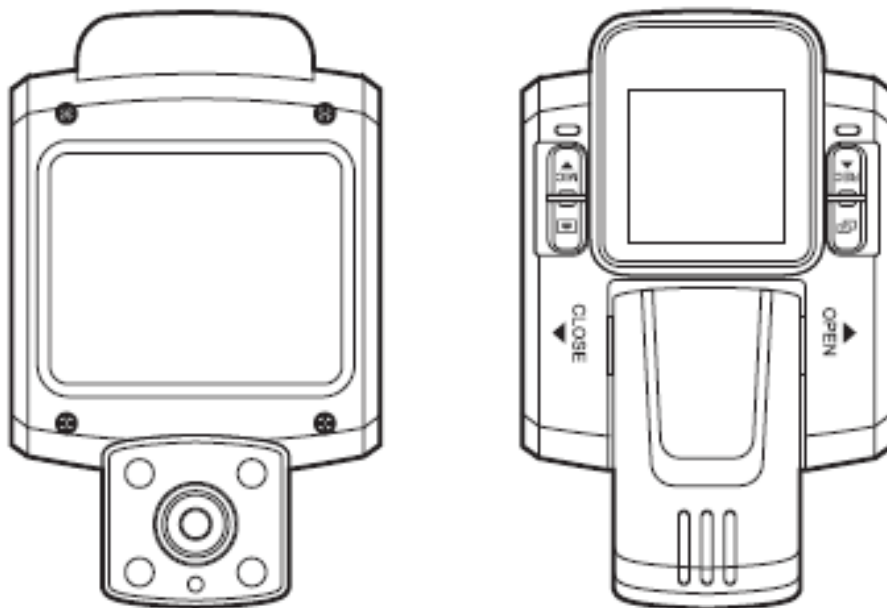
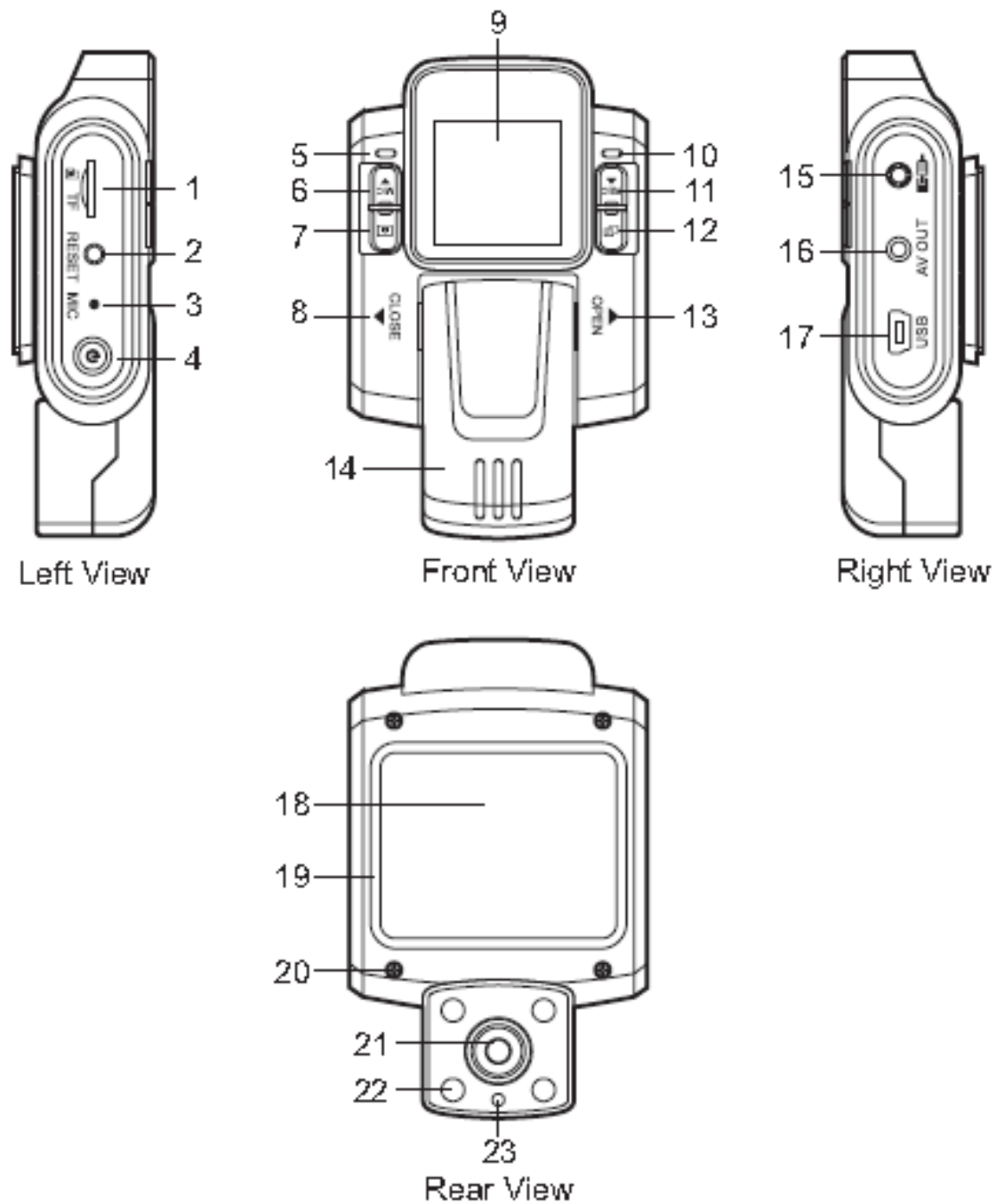




## DCAM-002 English user manual





1. TF Card Slot	13. Rack Pad (open) Left
2. Reset Button	14. Sensor-Aligning Steering
3. Mic	15. AV In Interface(Optional)
4. Power Button	16. AV Out Interface
5. Mic Indicator (red)	17. USB Interface
6. Mic Button	18. 3M Adhesive Tape
7. Camera/Playback Button	19. Rack Pad
8. Rack Pad (close) Right	20. Screw Hole
9. LCD Display	21. CMOS Sensor
10. Rec Indicator (red)	22. Night Vision LED Light
11. Rec Button	23. Night Vision Sensor
12. Switch Button	

## Device Installation

**1. Insert the TF card into the card slot with right direction.**

**2. Install the device on the wind shield or on the driving instrument board with rack pad.**

&Use clean and soft cloth to rub away the dirt and moisture on the wind shield or instrument board.

**3. Connect the USB port and Car Cigarette thru car charger.**

**4. Adjust the position for video-shooting.**

&Press Mic Button or Rec button to make sure the position is right

**6.Start the car, and the device will automatically power on and recording**

### Device Operation

#### \*Automatic Video-Recording

1. Start the car engine

2. The device will be turned on and automatically recording;

The default recording is 2 minutes video file per section

3. To switch the normal/reverse phase of recording, Long Press "Mic" Button for 3 seconds to switch sensor positive shooting.

Long Press "Rec" Button for 3 seconds to switch sensor inverted shooting.

(The system will save the setting of normal/reverse phase switching)

4. Turn off the car engine;

5. The device will save the file and will be automatically power-off.

#### \*Manual Video-Recording

1. After the device is powered on, press the Rec button for taking videos;

2. To switch the normal/reverse phase of recording, Long Press "Mic" Button for 3 seconds to switch sensor positive shooting.

Long Press "Rec" Button for 3 seconds to switch sensor inverted shooting.

(The system will save the setting of normal/reverse phase switching)

3. Press the Rec button again, and the device will automatically stop taking the videos.

#### \*Taking picture

1. Start the car engine

2. the device will automatically turn on and automatically record

3. In the video mode, short press camera/playback button to enter camera mode

4. short press camera/playback button again to take picture

5. press Rec button or switch button to return video recording mode

#### \*Use motion detection recording function

1. When device is powered on, long press switch button to enable motion detection function and there is " " icon show on screen

2. when motion detection function is enable, if the device senses moving objects around the scope, con on the LCD and REC indicator will flash twice slowly, then the REC indicator goes off and device will in recording mode

If the device doesn't sense objects moving around the scope, the device will automatically stop recording

3. Long press switch button, will disable motion detection function, and " " logo will disappear on the LCD

#### \*Use the Night Vision Mode

1. When the device is powered on, short press the "Turn on/off" Key to enable the Night Vision function, the " " icon will be shown on screen

2. Short press the "Turn on/off" Key again to disable the Night Vision function.

**\*Switching the normal/reverse phase of video camera**

To switch the normal/reverse phase of recording, Long Press "Mic" Button for 3 seconds to switch sensor positive shooting.

Long Press "Rec" Button for 3 seconds to switch sensor inverted shooting.

(The system will save the setting of normal/reverse phase switching)

**\*G-sensor Function**

When device is in recording, if there is serious collision to device, " " icon will be shown on LCD screen immediately, and the device will store current video which wouldn't be deleted in the cycle recording.

(The collision video file will be saved as name "SPECxxx" )

**\*Playback Function**

1. When device is powered on, long press camera/playback button, the device will enter playback mode.

2. use Mic button or Rec button to choose video file or picture file

3. short press camera/playback button to play or pause the video file.

4. Long press camera/playback button to quit playback function

**\*Update date and time**

1. Before operating this device, it is required to update the date and time.

2. Create one txt file named "time", and input current time in "year-month-day hour:minutes:second", for example, current time is 2012-2-5 16:2:9, then input "2012-02-05 16:02:09" in the "time" txt, and saved it in the TF card root directory.

Note: in the time txt, please make sure the year is 4digit, and others are 2digit, for example, current time is 2012-3-7 9:2:7, please input "2012-03-07 09:02:07", not "2012-3-7 9:2:7"

3. Insert TF card into device and power on the device, device time will be updated as "time" txt setting.

Motion Detection

**\*U-disk Mode**

1. Turn off the device and connect device thru USB to computer.

2. U disk icon will be shown on LCD display, there will be on removable disk shown on computer.

3. Enter the removable disk, you could replay video file in the removable disk.

**\*PC Camera Function**

1. Please install the PC camera driver stored on disk.

2. When device is in power off mode, hold Rec button, then connect computer thru USB, still hold Rec button until the PC Cam icon shown on the LCD screen.

Then device is in PC camera mode.

## Button Function overview

### Button Function under Video Recording

Function	Button Name	Action	Remark
Power On/Off	Power Button	Long Press	Turn on/off device
Night Vision	Power Button	Short press	When device is on, short press this button to enable night vision function; press again, will disable night vision function
LCD Back Light	Switch Button	Short press	when device is on, short press switch button would turn off the LCD back light; Press again, will turn on the LCD back light
Motion Detection	Switch Button	Long Press	Long press switch Button for 3seconds, device will enter motion detection mode, motion detection icon will be shown on screen; And if long press again, will quit motion detection mode
Video Record	Rec Button	Short press	Press this button to start or stop video recording; When the device is recording ,the indicator light under record Button will flash; when device stop recording, the indicator light will be off

Switch sensor positive shooting	Rec Button	Long Press	To switch sensor positive shooting
Switch sensor inverted shooting	Mic Button	Long Press	To switch sensor inverted shooting
Mute	Mic Button	Short Press	To turn on/off sound recording When turn on sound recording ,the indicator light under Mic button will flash; When turn off, the indicator light will be off
Camera	Camera/Playback Button	Short press	When device is in video recording mode, press this button to enter camera mode; press this button under camera mode, will take a picture; Press Rec button or Switch button to back to video mode
Playback	Camera/Playback Button	Long Press	To enter or quit playback mode

**Button Function in Playback Mode**

Function	Button Name	Action	Remark
Play Video	Camera/Playback Button	Short press	Play or pause a video file
Previous File	Mic Button	Short press	
Next File	Record Button	Short press	
Quit to Recording mode	Camera/Playback Button	Long Press	

**Technical specifications:**

Camera Sensor	1 mega pixels
Viewing Angle of Lens	120 Degrees
LCD Display	1.5-inch
Video Resolution	1280x720 30FPS
Photo Resolution	4032x3024
Automatically Overwritten	Support
Cyclic Recording	Support
Motion detection function	Support
Night Vision	Support
Time Stamp on video	Support
G-Sensor Function	Support
Audio Recording	Support
Playback Function	Support
PC Camera	Support
U-Disk Function	Support
AV Output	Support (TV, GPS, mobile car DVD, center console)
Interface	AV/USB
Storage Temperature	-20°C~60°C
Operating Temperature	0°C~40°C
Operating Moisture	15-65%RH
Type of Memory Card	TF Card
Capacity of Memory Card	Up to 32GB
Battery	250 MA Polymer Lithium Batteries
Lasting Time for Videos	2 Hours
Power Consumption	150MA
Standard Voltage	DC5V

## Accessories included

### Notes:

- 1) Please insert the TF card before recording.
- 2)The device default storage time is 2min. When the storage medium is full, it will record from the beginning again and erase over the previously recorded material automatically. It will have 3 seconds pause time, and namely the contents in the 3 seconds will not recorded.
- 3)Because the DVR is DC5V input, please use the attached car charger.



VEHICLE DVR



Manual



Driver Disk



AV Cable



Car Charger



USB Cable