

# ORION<sup>®</sup>

“SMART PEOPLE CHOOSE ORION”

## CAR VIDEO REGISTRATOR

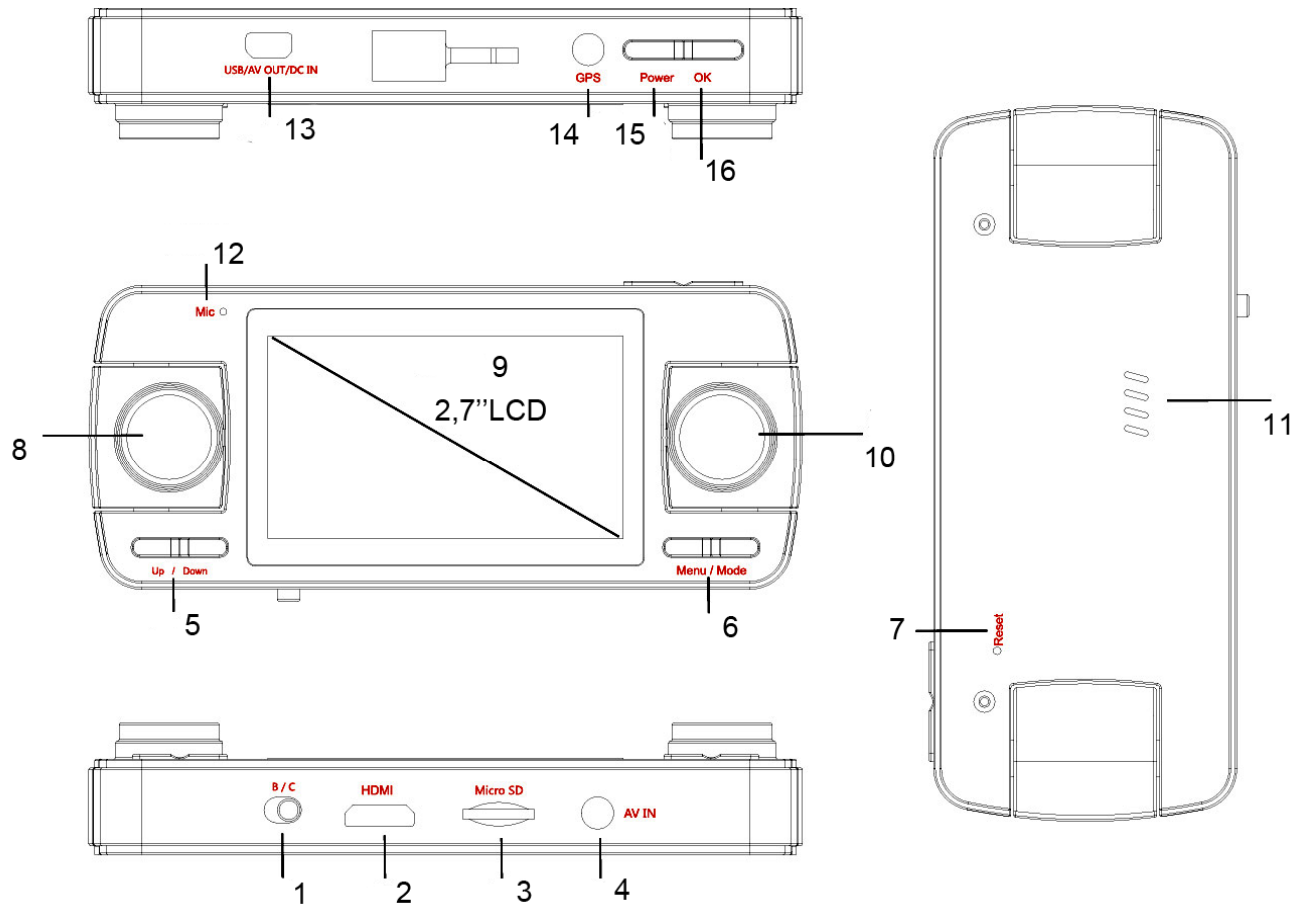


**INSTRUCTION MANUAL  
MODEL: DVR-DC888FHD**

**English**

Dear customers! Thank you for purchasing ORION products. Before operation, please read this instruction manual. Save it for future reference.

## 1. CONTROLS AND CONNECTORS



1. Switch to vice Camera
2. HDMI output
3. TF card slot
4. AV in
5. Up/Down
6. Menu/Mode
7. Reset
8. Vice camera

9. 2.7 inch screen
10. Main Camera
11. Speaker
12. Microphone
13. USB/AV output; power input
14. External GPS port
15. Power on/off
16. OK

## 2. HOW TO USE

- Menu: Standby or playback, short press to enter the menu setting interface; in menu state, short press to switch the setting items; in standby state, short press used to convert photography, playback mode; in standby state, long press for one key to close / open the screen display.
- B/C : Lens conversion key, in standby or playback state, used for the conversion of lens B & C.
- Up : Connected rear camera, short press to switch the screen display; in menu state, for menu selection; playback status for browsing pictures; in the state of video playback, fast forward, rewind operation;
- Down: Standby mode, short press the key shortcut to switch the motion detection function; during recording, short press for switch recording on / off function for the menu to select the menu state; playback status for browsing pictures; in the video playback status, fast forward, rewind operation.
- Power: Press to execute on / off operation in standby and camera status, short press bright white LED night vision lights conversion.
- OK key: Video key for start / stop photography; menu state, used to confirm menu settings; video playback status for the start and pause playback in camera mode, press the OK button may take pictures during recording, short press. For locking function.
- Mode: Conversion key for photography / camera / video playback conversion.

### Operation Guide

Built-in of 3.7V/300mAh high-capacity battery

Connect with 12V/24V car charger, as a Car DVR

Connect the device with car by car charger, so that the car starts, this device will automatically start recording; car is turned off, it will automatically stop recording and save the recorded files.

Tips: Please use this machine with standard car charger from local power supply. Otherwise, it may cause damage to the machine.

### Use of TF card

Make sure the TF card insertion direction is correct. If the direction of insertion is incorrect, may damage the machine and TF card;

Please use high-speed TF card complied with SDHC specifications. High-speed TF card, there will be the sign of C4 or C6;

The initial use of the memory card in the machine, format the TF card in this device.

**On/Off:** Press and hold the power button for about a second, on/off operation can be carried out.

**Enter the menu:** Press the Menu key to enter the menu option to set the state

**Rear camera:** the camera can be directly inserted, plug and play. Attention to the large power consumption, connect the car charger or PC when use it.

**Video:** short press the OK button to start / stop recording

**Fill light:** short press the key to open the fill light mode can be switched

**Recording audio switch:** photography state, short press "Down key" can be used to turn on or turn off the microphone.

**Motion detection:** standby, press the button to turn on / off motion detection function.

**Screen off:** long press the Menu button, the display is off operations to save power, press any key to reopen after turn off.

**Pictures:** in the photographs state, press OK key to photographing operation.

### 3. SETUP MENU

Menu	Selection sets
Resolution	- VGA/720P
Video length	- 1min/2 min/5 min/off
Format	- Confirm/Cancel
White Balance	- Automatic/sunny/fluorescence/cloudy/incandescent light
EV	- -3/-2/-1/0/1/2/3
Color	- Stand/color/negative/restore ancient ways/light blue
Motion Detection	- Off/On
Time Display	- Off/On
Audio	- Off/On
Boot video	- Off/On
Optional Language	- English, Russian etc.
Frequency	- 50Hz/60Hz
Fill light	- Off/Auto/On
Key tone	- Off/On
Shutdown time	- 1min/3 min/5 min/Off
Auto shut backlight	- 1 min /3 min/Off
Delay off	- 15sec/1min/5min/30min/60min/Off
G_SENSOR	- Off/Low/Mid/High
TV output	- PAL/NTSC
GPS time correction	- Off/On
Date & Time set	/
Default Settings	/

## 4. TECHNICAL CHARACTERISTICS

Screen:	2.7" LCD
CPU:	Allwinner
Lens:	140°
Zoom:	4x digital zoom
Video resolution:	1080p, 720p, VGA
Video format:	MOV
Video compression:	H.264
Picture resolution:	5M, 3M, 2M, 1M
Picture format:	M-JPG
G-sensor:	built-in
Motion detection:	yes
Card support:	TF (up to 32Gb)
Mic:	yes
IR lights:	yes
Video out:	HDMI
TV out:	PAL/NTSC
Frequency:	50Hz/60Hz
Interface:	USB/HDMI/AV
Nominal voltage/power/current:	DC 5V/5w/1A
Car power adaptor:	DC 12-24V
Battery:	built-in rechargeable battery 3,7V 500mAh
Product size:	120x52x21mm
Box size:	175x135x85mm
Net/gross weight:	85g/490g
Product color:	white

**Note:** the manufacturer reserves the right to make changes to the product. Design, software, technical specifications are subject to change without notice.

## 5. PACKAGE CONTENTS

1. Car DVR
2. Mount
3. USB cable
4. Car Charger
5. HDMI cable
6. AV cable
7. External camera
8. Instruction manual
9. Warranty Card

