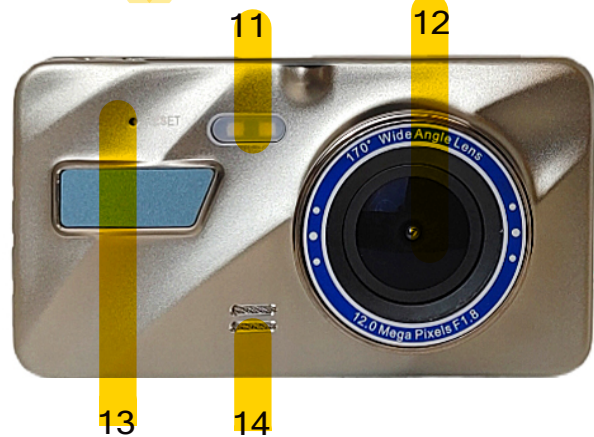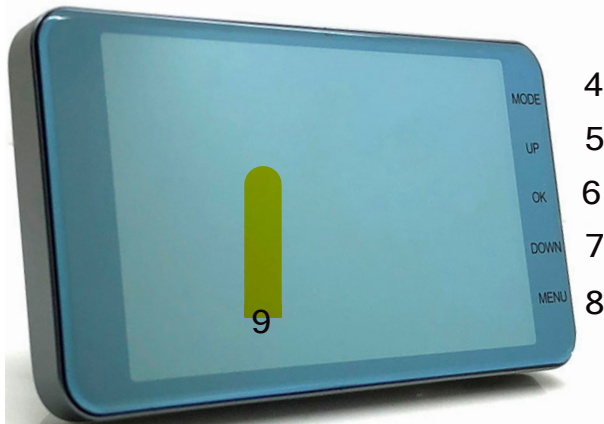# 4th Gen Dual DVR Dash Cam w/ Touch Screen
2 Cam System Instructional Manual

Product Description

1. Suction Cup Mount Port
2. USB Power Source
3. 2nd Outside Camera
4. Mode Button
5. Up Button
6. OK / Power Button
7. Down Button
8. Menu Button
9. 4 inch HD Screen
10. Micro SD Card Slot
11. LED Light ON/OFF
12. Wide Angle Lens
13. Reset Button
14. Speaker

Button description

Button	Description
POWER ON/OFF	1. Short press to power on, long press to power off 2. While powered on status, short press to turn on LED light
OK	Stop Recording / Start Recording
MENU	Menu (M) button while not recording Menu (M) button - short press While not recording Gets to dash camera menu settings
Up Button Selection Arrow	Navigate Arrow
Down Button Selection Arrow	Navigate / toggle between cameras mode
RESET	Insert pin to reset device

Specifications

Product Features	HD Video / HD Camera
Lens:	170 degree ultra wide angle lens
Resolution:	Front camera 1920x1080P 30FPS, 170° degree viewing angle 2nd Cam is 1280x720P, 30FPS, 120° degree viewing angle with 30' cable
Video format:	PAL/NTSC
Photo format:	JPEG
Frame rate:	H.264@1080P 30fp/s H.264@720P 60fp/s H.264@720P 30fp/s
G-sensor:	Built in 3-axis solid collision detection. off/high/medium/low
Record mode:	Loop recording, time lapse recording
Parking Mode / Motion Detection	Yes
Memory card:	Support micro sd memory card up-to 128GB
LCD:	4.0 inch
Ports	USB/AVin/SD card slot
Boot time:	2S
Working voltage:	DC 5V 1.5A
Motion detection	Supports
USB:	USB 2.0 disk
Video specification:	FHD1080P=1920*1080 / 1080P=1440*1080/
Light source	frequency 50HZ/60HZ
Image resolution:	Built-in lens 12.0 Mega Pixels Exposure:+-2,+-5/3,+-4/3,+-1,+-2/3,+-1/3,0
Working current:	DC5V 1500mA
Quiescent current:	20uA
Storage temperature:℃	（-20℃-70℃）
Operating temperature:℃	（0℃-60℃）
Operation humidity (RH)	15%-60% RH
Battery:	Built-in polymer battery 240mAh

TROUBLESHOOTING TIPS
If recording stops:
Due to the huge HD video data, please use the high-speed TF SD card. Recordings may stop if SD card is full with locked video

"File Error" prompt appears when viewing pictures, in playback video or recording mode
When the TF card stores data, an error occurs, and the file is incomplete. Please use the "Format" function of Dash cam to reformat the TF card.

The image is foggy:
Check the lens for dirt and fingerprints; use lens cloth to wipe the lens before taking a picture.

When shooting scenes such as the sky and the water, the image is very dark.
The camera's auto exposure function is affected in large contrast scenes and can be corrected by adjusting the "EV" value in the machine setup menu.

Under cloudy and indoor light, the color performance is not perfect
Please check the machine "White Balance" function ,if it was be set to automatic.

There are horizontal stripes in the image
This is caused by setting the wrong "light source frequency". Please set it to "50Hz" or "60Hz" according to the local power supply frequency.

If the device freezes:
Press the reset button to resume recovery.