

Prime 2/4 Cam DVR Dash Cam

Weatherproof 1080P
2nd Cam w/ 45' Cable



User Manual

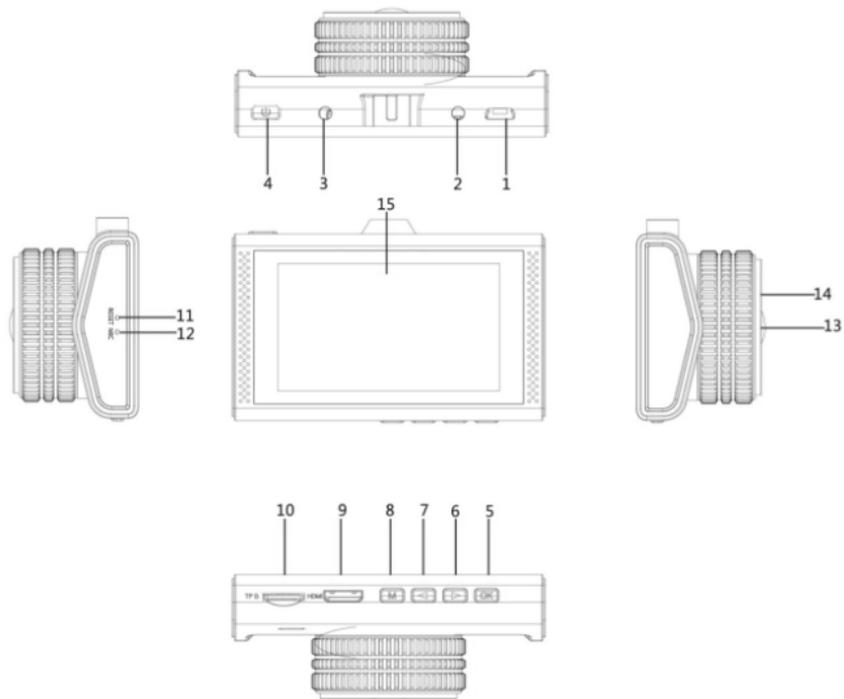
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1. Features

This model records video and takes photos during driving. It adopts dual Sony IMX322 sensor and Novatek 96663 chip-set, with excellent night vision performance.

1. Structure diagram



3. Part description

2. GPS/BV Outside Camera

- | | | |
|--------------------------|---------------|------------|
| 1. Mini USB Power Source | | 3. AV-OUT |
| 4. ON/OFF | 5. OK/REC | 6. RIGHT |
| 7. LEFT | 8. MENU | 9. HDMI |
| 10. SD card | 11. Reset | 12. MIC |
| 13. Lens | 14. LED Light | 15. Screen |

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 recording Long press SOS video lock Short press MIC ON/OFF Menu (M) button - short press While not recording Gets to dash camera menu settings
LEFT	Move/ Switch display
RIGHT	Move / Take photo while recording
RESET	RESET

Indicating light description

Name	Description
Indicating light	When blue light flashes camera is recording video; When blue light stops flashing the recording stops. When Red light is solid camera is charging; when red light turns off the battery is fully charged.

4. Operating Instruction

POWER ON/OFF

1. Short press POWER Button to turn on and long press to turn off.
2. When the car charger is plugged in, the dash cam turns on and starts recording; when car charger is unplugged and dash cam battery fully charged, video files saved and dash cam powered off.
Dash camera is not meant to stay on without a power source.

Battery charging

Ways of battery charging

1. Charging via PC USB cable. Will not be able to record
2. Charging via car charger.
Charging battery icon on screen flashes while charging, with blue light flashing.

Installing memory card

Push memory card into card slot per with metal on sd card facing forward.
Remove memory card: Gently push the sd card inward a bit, and then it releases, remove it from card slot.

Basic operations

Mode: Must stop recording to get into menu screen

Video mode: Is for recording videos

Photo mode: Is for taking photos

Playback mode: It for Reviewing videos and photos

Video setup -Must stop recording to get into menu screen

Resolution options: These settings ONLY WORK WHEN ONE CAMERA is being used to record:

WVGA P30 (Low), FHD P30 (Medium), HD P60 (High)

ONLY Resolution option when recording and using BOTH inside and

Outside cameras: FHD P30+FHD P30

Loop recording (Used to measure increments in which camera records):

3 Minutes, 5 Minutes, 10 Minutes, Off

Wide Dynamic Range (WDR): On, Off

Recommended ON if mounting dash camera towards the middle of the windshield.

Exposure (Used to filter backgrounds): 0.0, -1/3, -2/3, -1.0, -4/3, -5/3,

-2.0, 2.0, 5/3, 4/3, 1.0, 2/3, 1/3

Motion Detection (Used to monitor vehicle when unattended): On, Off

Never have ON while driving.

ON- Will continue to record as normal, but if Motion is detected, recording will be locked and saved.

Record Audio (Used to record voice and sound in main camera area):

On, Off

Date stamp (Used to show recording time & date information): On, Off

G-sensor Used to lock and store recordings when a sudden impact is detected (accident) or when hard braking is applied):

Low, Medium, High, Off

Recommended setting is LOW

Must stop recording to get into menu screen

Delay Time lapse when recording:

1 Second, 5 Seconds, 10 Seconds, Off

Dual Cam Display (Used to determine which camera is to be viewed):
Front, Behind, Both

Setup

Date/Time, Plate number, Auto power off, Beep sound, Language, Frequency, TV mode, Format, Default setting ,Version, Screen saver, Version Delete all, Lock all, Unlock all

Video Mode Options

Video recording: Switch to video mode, press OK button to start/stop recording video.

Photo Taking: Switch to camera mode, press OK to take photo

Playback: Switch to playback mode, press LEFT/RIGHT button to select video files, press OK button to play/pause.

Parking monitor ON/OFF

Never have ON while driving.

ON- Power off dash camera and when vibration or motion is detected it will turn on dash cam and start recording. Video is saved and locked. Dash cam will automatically go back into parking monitor mode based on the time amount that is set in loop recording

Lane Departure Warning System (LDWS) ON/OFF

ON- You will see green lines on the screen. While driving, dash cam monitors distance between car and lane road markings via advanced chip set which process data to identify if car has deviated from lane. Once car deviates from lane, dash cam utters warning sound and a lane picture is displayed on screen.

Front Collision Warning System (FCWS)

While driving, dash cam monitors distance between car and front car via advanced chip set which process data to identify any potential collision risk. Once vehicle is too close to front of car, dash cam utters warning sound to and line icon is displayed on the screen. This function is very helpful for distracted drivers.

Outside Second Camera Setting

Plug second camera to GPS/ BV port on dash cam, follow the sequence of: Left arrow toggles between camera's.

Video setup - Resolution setup

To start dual camera recording, only resolution option is:
“FHDP30+FHDP30”.

Must stop recording to get into menu screen

System setup

Press M button to enter main menu, go to SETUP menu and select desired options via OK button. Return to main menu via RIGHT and LEFT button.

System setup options

Date/Time: Used to set Date and Time. Use Right, Left, and OK buttons to change values and press Menu button to save.

Plate Number: Used to show License plate number of vehicles that may be in the video. Shown on the video

Auto power off: Used to turn camera off after unit is first powered on. Off/1 minute/3 minutes/5 minutes

Beep sound: Turns key tone on or off.

Language: Used to select language: Chinese simplified/Chinese traditional/English/French/Japanese/Russian/German/Italian/Portuguese/Spanish etc.

Frequency: Used to clear frequency barriers that arrive. 50Hz/60Hz

TV mode: NTSC/PAL
Suggested NTSC

Format SD Card: Cancel/OK

This will erase every recording or photo taken even ones that are saved on the card

Default setting: Restore default setting, Cancel/OK

Version: Version number

Screen saver: Used to turn screen off while camera is still recording.
off/30 seconds/1 minute/2 minutes
Press any button to view screen.

Delete all: Used to delete videos and photos: Delete all video, Cancel/OK

Lock all: Used to lock videos and photos Lock all video, Cancel/OK

Unlock all: Used to unlock videos and photos: Unlock all video, Cancel/
OK

Ports

AV-OUT/HDMI

Dash cam has AV/HDMI port to enable playing video and audio via other devices such as DVD player, PC, TV.

USB

Connect USB with PC, power on and USB menu pops up, with 3 options:

1. Mass Storage

Storing video files and photos.

2. Camera

For PC cam mode.

3. Video

Select to go to dash cam interface.

5. Specification

Chip-set:	NT96663+2GB DDRIII chip-set
Sensor:	Dual Sony IMX322

Lens:	Front 170 degree/Rear 140 degree 6G glass wide angle lens
Resolution:	FHD1080P@30FPS+FHD1080P@30FPS
Lens pixel:	Dual 2M Sony IMX322
Video format:	H.264 MP4
Photo format:	JPEG
Frame rate:	H.264@1080P 30fp/s H.264@720P 60fp/s H.264@720P 30fp/s
G-sensor:	3-axis solid collision detection
Record mode:	Loop recording, time lapse recording
Video interruption:	0ms,3s/5s/10s
Memory card:	Support TF memory card 1GB~128GB
LCD:	3.0" 16:9(960 X240)
Video output:	HDMI,AV OUT
Boot time:	2S
Working voltage:	DC 5V 1.5A
PC CAM:	UVC PC camera
USB:	USB2.0
Video specification:	FHD1080P=1920*1080 / 1080P=1440*1080/

	720P=1280*720 /...
Image resolution:	12M 4032*3024 10M 3648*2736 8M 3264*2448 5M 2592*1944 3M 2048*1536
Working current:	450mA (typical value) (DC 5V)
Quiescent current:	20uA
Storage temperature:°C	(-20°C-70°C)
Operating temperature:°C	(0°C-60°C)
Operation humidity (RH)	15%-60% RH
Battery:	Li-polymer battery 300mAH
LDWS	Lane Departure Warning System
FCWS	Front Collision Warning System