CAR CAMCORDER

HD
1920x1080

30
FPS

1080P CAR DVR USER MANUAL

The machine in addition to having the general function of vehicle traveling data recorder, added three main features:
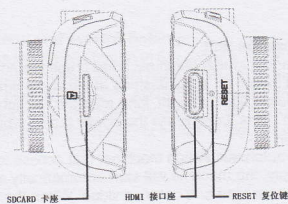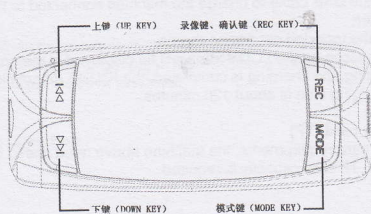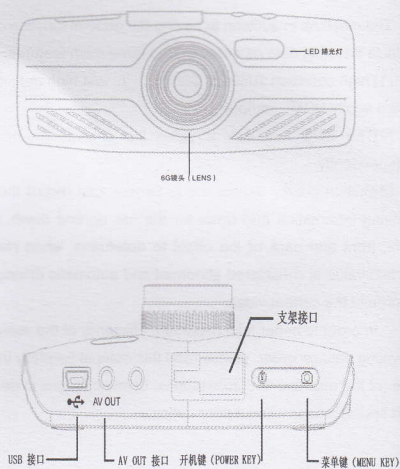
(1) high definition 1080p at 30FPS . h. 264 high-definition vision acuity HDMI output

(2)The SOS key lock a video file encryption and unlock independently

(3)Built-in gravity Sensor the G-Sensor, can record the gravity sensing information and basis for the car up and down, left and right, front and back of the offset to determine, when reaches a certain value is considered abnormal and automatic driving to lock to protect the current video.

In order to better take maximum efficiency of the vehicle traveling data recorder, please read this manual carefully before use (of the machine and accessories, of any changes in design and specifications without prior notice).

Product Structure

上键（UP KEY） 录像键、确认键（REC KEY）

REC

MODE

下键（DOWN KEY） 模式键（MODE KEY）

LED 摄光灯

6G镜头（LENS）

SDCARD 卡座 HDMI 接口座 RESET 复位键

支架接口

USB 接口 AV OUT 接口 开机键（POWER KEY） 菜单键（MENU KEY）

AV OUT

Start using vehicle traveling data recorder

CHARGE

There are two methods for charging the batteries::

1. Use the USB cable to charge the machine connected to the computer;
2. Use the included car power charge.
Charging icon on the LCD screen will be displayed in the process of charging, the charging is completed, the ICONS do not flicker. The charging time is about 120 minutes.

Memory card (TF)

TF card requirements: the machine above need speed in CLASS6 TF card capacity is required.

Adjust the position of the lens

This machine before the lens through the bracket can rotate 360 degrees before and after, in order to better cooperate with the vehicle traveling data recorder fixed position, and obtain good effect.

Open and close the unit

1. The manual switch machine: short press the power button once, red light switch on lights flashing at the same time, the boot after the red power light is bright, long after the red light flash and video machine starts. Long press the power button which can be turned off again.

2. driving automatic switch machine: first access to on-board 5 v power supply, the machine will start automatically after a time delay when the car start and carry on video. When the car key interest after the ceasefire according to the menu to select delay automatically save the current video and turned off by default for 30 seconds.

Note: when using the built-in power supply vehicle traveling data recorder, can prompt when low battery low power video automatically shut down.

Reset

When the machine is caused by improper operation, abnormal situation, can press reset button and then boot, this machine can be back to normal

Basic operation

Switch work mode

This machine has three work modes: camera, camera taking pictures and clip playback and browse. Press MODE key switch.
Video mode can be video and press the OK key to stop the video.

Settings menu and system Settings

Press the MENU button in the preview mode, the machine enters the system setup MENU page, at this time "set MENU" column is a blue background. According to the up and down button to select the project Settings; According to the "REC" button to confirm Settings, press the menu button to exit the menu again.

Video mode option

Image parameters: full HD 1080 p at 30FPS; HD 720p at 30FPS; 640 *480 p at 60FPS
Loop video: shut / 2/3/5 minutes;
WDR: on/off;
Motion detection: on/off;

Power supply automatic video: on/off;
Delay shutdown: shut / 10 seconds / 20 seconds, 30 seconds
Boot time delay: shut / 10 seconds / 20 seconds / 30 seconds;
Video audio: on/off
Date of labels: on/off
Acceleration sensor Settings: off/low/medium/high;

Playback options

Adjust the volume
Delete:Delete a single file/delete all the files
Protection: Single file removes single file protect all file removes all
the files

Media tools

Format the SD card option
SD card information
System setup options
Time/ date:
Automatic shutdown; Close / 3/5/10 minutes
The sound; On/off
Language selection;
Portuguese/English/Russian/simplified/traditional
Chinese/Japanese/French/Spanish/German/Italian
TV system: P/N
Light source frequency: 50/60
Screen saver:off / 3/5/10 minutes
Noctilucent lamp; On/off
Exposure compensation: −2—+2

White balance: automatic/sun/cloudy/tungsten filament lamp,
fluorescent lamp

Format: the memory card
The default setting; Yes/no
The firmware version: the version number branch testing

Image; 5 M / 3 M / 2 M

Video

Start/stop video: the machine will automatically start the video
startup or insert TF card. Press OK key to stop video recording
video process, press the OK key again, can be video again.

Video shortcut key in the process of application:

According to SOS lock key: emergency manual press on the lock
protection.

The USB function
Native support USB directly read, read the unit recorded video file
can be directly to the machine is also connected to the computer
with USB cable, or directly to take out the TF card, with the edge of
the card reader reads the TF card file.
Long press REC button to enter PCCAM function

Product features
- super small volume, direct stick on the car will not block line of
sight, 1080 p super wide Angle lens design perfect combination,
more convenience in various occasions to multi-angle, high
resolution video shooting.
- Built-in sensor 1/3 inch low noise degree is high quality, can be in
the darker places capture ultra clear screen

- Built-in li-ion battery charging while video recording function
- Built-in microphone/speaker
- Support high capacity Micro TF card
- Car can automatically switch on video function
- With a delayed start function to prevent the car start instant pulse current damage machine
- Accelerometer SENSOR

Photo format	JPEG
Video output	HDMI AV
USB	USB2.0

Note: this product retained design and specification right to change without prior notice.

The technical specifications

LENS	Ultra wide Angle 148 degrees
LANGUAGE	Portuguese/English/Russian/simplified/traditional Chinese/Japanese/French/Spanish/German/Italian
TF	Micro TF max 32G
MIC	The built-in
BATTERY	Built-in
System	Windows 2000/XP/Vista/Windows 7,MAC OS x 10.3.6 以上
Sensor	AR0330
Screen	2.7 inch 960*240
Format	H.264