FULL HD 1080P Car Recorder

User's Manual

在使用本产品前，请您仔细阅读本说明书，并保留下来以便将来参考。
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Product Overview

This product of Digital HD Video player is using the latest technology designed. Either as a normal HD camera to use. At the same time is also a professional high-definition driving record. Can record high-resolution image pixel resolution of up to 1920x1080P FULL HD, you can also shoot 5 megapixel photos. Using TF card as a storage device, compact, energy-saving, easy to carry. FULL HD images recorded in this product, can record more detailed and perfect video images, video images can also be the direct transmission of with HDMI Compared to conventional cameras transmission lines to high-definition LCD TV (HDMI) to do high-definition playback.

Product structure

Product Features
- 120-degree ultra-wide-angle camera lens
- 1920x1080P FULL HD high-definition resolution
- Advanced the H.264 image compression technology
- Take pictures of up to 5 million pixels
- Four digital zoom range of 12 cm to infinite speed
- 2.7" high-resolution LCD, you can video camera watching
- To support HDMI HD image transmission
- The video can switch the format of the five kinds of resolution
- Per second, 30/60 for smoother image
- With a dedicated vehicle suction cup holder, easy to install
- Built-out GPS, record speed, driving track (optional)
- The incident G-Sensor sensing, in case of emergencies, forced saving
- Current recording (optional)
- Powerful document protection features in the recording process, a sudden
- Power outages, damage to the machine, video, documents will still be intact
- No gap continuous recording capabilities, not missing any data
- Car crafty cigarette supply, while driving edge video
- Can start the car automatic start, automatic recording function
- Automatic loop recording can be set for each file recording time
- Can simultaneously monitor traffic video images, support the scene replay
- Modified time and date display, reboot without re-setting
- Can be set photography time, time to stop recording automatically
- Video capture function can capture video video screen
- The action of charging through the USB port
- Humanized operation interface
- Maximum support 32GB or greater TF high-capacity storage device
- Can be set to the vehicle license will be displayed on the video
- You can see the speed of the car
**Key Functions**

**Close / MENU key on the screen**

Boot into the main interface long press this key 3s to enter the video settings and system settings to achieve energy saving; click TFT display backlight turns off.

**REC:**

This button is used to start camera and use the end of the camera the menu setting process, act as upward options.

**Video emergency lock key**

In the video, press the button, the video segment video will be protected, and not because of the lack of space to be formatted.

**The ON/OFF KEY**

Short boot, long two seconds off.

**MIC:**

This button is in the recording process, control microphone one open and close.

**Camera / PLAY key**

In the boot state, press the button, one for the camera; Press 3s over into the "PLAY" mode, "REC", "MIC", respectively, for the left and right selection to play video files and images selected, press "camera/PLAY" button to play, and then the camera / PLAY button to pause playback, press and camera / PLAY "key to exit playback mode.
**Operation Guide**

- **Battery level indicator**

  The battery charge indicator, see the icon

  ![Battery level icons](image)

  fully charged level is slightly Battery is low Lack of electricity

- **Battery charging**

  This product can be connected to the computer USB port for charging, can be connected to the charger.

  - Connection 12V/24V car charger, as traffic logger

    As traffic logger products and car charger to connect this way, this product will automatically start recording after the car starts; when the car is turned off, stop recording automatically save the recording file.

  - **Reminder:**

    Can only use the output of 5V car charger for power supply of the machine, otherwise, otherwise it will cause damage.

  - **Install and remove the memory card**

    Make sure the insertion direction of the TF card, insert direction errors pestle, and may damage the unit and TF card;

    Please use the SDHC format, high-speed TF card, high speed TF card will be C6 or C8 logo;

    Incompatible memory card format, with the machine, you may not know the card phenomenon, TF card can be formatted with this unit.

  - **Camera on / off and automatic shutdown**

    Short power button to boot, press and can shut down about two seconds

    In order to conserve battery power can be used to set the menu to set the auto power off time, will automatically shut down when the camera does not have any operations within the set time.

  ![Camera on / off and automatic shutdown](image)

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**Operations Guide**

- **Photography mode**

  Press "REC" button to start recording, front red LED twinkle alternately flashing red and blue lights in the REC button, and then press the "REC" button to end recording.

  ![Photography mode](image)

- **The camera mode**

  In the normal operation of the machine state, click on the "camera / PLAY" key to take pictures

  ![The camera mode](image)

- **On the menu bar table, you can modify the following contents:**

  Video quality: select the video resolution: 1920x1080P 30, 1440x1080P 30, 1280x720P 30, 848x480P 30.

  In the menu bar table can modify the following content:

  Video quality: select the video resolution: 1920x1080P 30, 1440x1080P 30, 1280x720P 30, 848x480P 30.

  File cycle: setting switch cycle photography in circulation shadow state

  File loop: set or switching cycles photography, shadow state in the cycle,

  When recording to the TF card is full, you will automatically overwrite the oldest content.

  Automatic recording of the power supply: when connected to the car charger, three seconds after the boot, will automatically start recording.

  Boot delay: when connected to the car charger, car ignition, delay the start time is the last set time.

  Recording: to choose to open or turn off the microphone.

  Language: Set Language.

  TV standard: NTSC / PAL rain kinds of formats.

  Idle auto-boot: Auto power off function is used to set the idle.

  Format: Used to format the memory or TF card.

  Add time and date time stamp : : video / photo:

  Time setting: set the date, use the arrow keys for addition and subtraction operations.

  Press the 'OK' button to confirm and enter the next setting.

  LCD auto-off time: set the time automatically turn off the LCD screen, press any The key to wake up the LCD screen.

  Restore the factory settings: for the system parameter is set to the default value.
**Operations Guide**

**Frequency of light:** used to select the frequency of power line, if you select the wrong.
The light frequency, the image will appear like the interference of the horizontal stripes.

**Firmware version:** version number to view the camera.

**Remarks:**

1. Photo resolution default to 5M.
2. When connected to the car charger, the car is turned off, would allow video delay 15 Seconds before shutdown.
3. Power-on boot, GPS automatic search for value-Star. GPS positioning of the LCD screen the lower left corner shows the dynamic yellow "GPS" icon; GPS Positioning, the lower left corner pieces of the LCD screen shows the dynamic "GPS" icon (Optional).
4. Player.

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**Product parameters**

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<tr>
<th>Sensors</th>
<th>5M CMOS sensor, 1/2.5 inch light-sensitive area</th>
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<tr>
<td>Shot</td>
<td>4 fixed focus lens, aperture 2.0, focal length 3.4mm</td>
</tr>
<tr>
<td>Zoom</td>
<td>4X digital zoom</td>
</tr>
<tr>
<td>LCD TFT</td>
<td>2.7 inch 16:9 TFT LCD</td>
</tr>
<tr>
<td>Video output</td>
<td>AV (CVBS): the television signal output NTSC/PAL</td>
</tr>
<tr>
<td></td>
<td>HD TV Interface: the HDMI signal output, the maximum</td>
</tr>
<tr>
<td></td>
<td>1920X1080@50 or 1920X1080@60</td>
</tr>
<tr>
<td>Photo</td>
<td>JPG file format maximum output pixels: 5,000,000 pixels</td>
</tr>
<tr>
<td></td>
<td>H.264 compression format</td>
</tr>
<tr>
<td>Video photography</td>
<td>1920x1080, 30 frame/sec 1440x1080, 30 frame/sec</td>
</tr>
<tr>
<td></td>
<td>1280 x 720, 30 frame/sec 848 x 480, 30 frame/sec</td>
</tr>
<tr>
<td>Audio</td>
<td>Built-in microphone / speaker (AAC)</td>
</tr>
<tr>
<td>Memory</td>
<td>Built-in mind the fast body: 32M</td>
</tr>
<tr>
<td>External media</td>
<td>SDHC card (Supports up to 32G TF card)</td>
</tr>
<tr>
<td>Shutter</td>
<td>Electronic shutter</td>
</tr>
<tr>
<td>Battery</td>
<td>500mAh 3.7V polymer rechargeable battery</td>
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</tbody>
</table>
Easy Troubleshooting

Under normal operating conditions, if the product problem, please refer to the following solutions:

- **Cannot take photographs, photography**
  Whether there is enough space to check the TF card, TF card is plugged in place, TF card for high-speed card.

- **Stop recording half way.**
  Huge amount of data of the high-definition video, use with SDHC-compatible high-speed TF card, high speed TF card will be c4 or C6 logo.

- **Replay pictures and video, "file error" prompt**
  This is because the stored data when the error has occurred, resulting in the wrong file Mistakenly use the camera's "Format" function, format the TF Card.

- **No image is displayed in HD on the TV screen**
  Confirm the AV, HDMI cable plug is connected correctly, the TV is Whether it is set to the correct AV the, HDMI status.

- **Shoot the image is not clear**
  Because the lens is not clean enough, check the check the lens for dirt. Fingerprints.
  Made the line before shooting, use lens paper to wipe clean the lens.

- **Image striped interference**
  This is due to set the wrong light frequency arising According to the local power supply frequency is set to "50Hz" or "60Hz".