

GAYTR

HDDVR391 Instruction Manual



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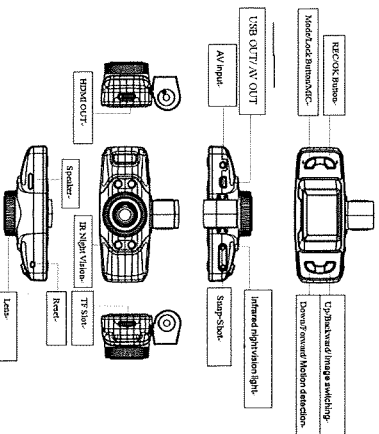
Product Overview

This product is designed out of the latest technology, which is a two-channel digital HD camera with separate lens and also includes rearview recording function. It can record high-resolution image and take high-quality photos with 1280*720P HD high resolution.

Product Features

- ◆ Adopting 120 degrees ultra-wide angle lens.
- ◆ Two-channel recording with separate lens.
- ◆ Supporting one-click switching rear-view camera image and reverse video recording.
- ◆ HD 720P high resolution.
- ◆ Adopting advanced H.264 image compression technology.
- ◆ 1.5 inch high-resolution LCD display, supporting playback while recording.
- ◆ Recording smooth image @30fps.
- ◆ When event occurs, G-sensor responses. In case of emergency, enforces saving the current video (optional).
- ◆ Seamless continuous recording, no data will be missed.
- ◆ Having auto-recording function, will start recording when car starts.
- ◆ Automatically cycles recording, can set time to each file.
- ◆ Improving time display, No need to reset the time after restarting the DVR.
- ◆ One-click shooting function.
- ◆ One-click power off function.
- ◆ One-click stopping recording function.
- ◆ One-click motion-detected function.
- ◆ Can charge through USB interface.
- ◆ Equipped with special suction cup holder, easy to fix and use.
- ◆ Maximum memory storage 32GB Micro SD card, high-capacity storage device.

Product Structure



Key function

- **MODE key:** In standby or playback mode, long press the key to enter the menu, short press to switch to the setting options. In standby mode, short press to switch between the shooting or replay mode. In recording mode, short press to use lock function, long press to switch recording on/off.
- **Snap-shot key:** In standby, the key can be used to take photos.
- **Up key:** After connecting the camera, short press the key will switch screen display. In the function table, the key is used to choose function. In playback mode, the key is used to browse photos. In replaying video mode, the key is used for fast forward or rewind operation.
- **Down key:** In standby mode, short press Down key will switch motion detect function. When in the function table, the key is used for function selection. In playback mode, the key is used to browse photos. In replaying video mode, the key is used for fast forward or rewind operation.
- **On/Off key:** Long press to turn on/off the device. In standby and recording mode, short press to switch IR night vision light.
- **RECORD key:** REC key is used to start/stop recording. In function mode, used to confirm function settings. In replaying video mode, used to start/pause playing, long press can turn off the screen.

Operating Guidance

- Built in 3.7V/500mAh high-capacity battery
 - Connect the 12V/24V car charger to the DVR recorder
- When using this product as a driving recorder, connect it to the car charger. It will start recording automatically when the car starts. It will stop recording and save the recorded file automatically when car is switched off.
- Note: Please use the standard car charger that is included with this product for power supply. Other chargers may damage the device.
- Memory card instructions:
1. Confirm the inserting direction of Micro SD card, inserting direction incorrectly could damage the device and Micro SD card.
 2. On first use, please format the Micro SD card on the device.
 3. Turn on/off: Press the power key for about 1 second to turn on/off the device.
 4. Enter the menu: Long press the MODE key to enter the menu option settings.
 - The rear camera: Insert the rear camera directly, plug and play. It is recommended to connect DVR to car charger when Rear camera is plugged in.
 - Video recording: Short press REC/OK key to start/stop recording.
 - Fill light: Short press ON/OFF key to toggle fill light mode.
 - Audio switch: In shooting mode, long press MODE key to turn on/off the microphone.
 - Motion detection: In standby mode, press Down key to turn on/off motion-detection function.
 - Turn off the screen: When using, long press OK key to turn off the screen.
 - Click any key to turn on the screen again after turning off.
 - Taking photos: In standby, press capture key to take a picture.
 - Date/Time settings: entering the menu, press MODE key to switch the adjusting options, and press OK key to finish and exit.

System menu

Menu	Select Settings
Resolution	VGA/720P
Recording time	1 minutes/minutes/minutes/turn off
Formatting	Automatic/OK/Cancel
White balance	Incandescent
Exposure	-3/-2/-1/0/1/2/3
Color	normal/solid/negative/white/red light blue
Motion detection	Turn on/off
Time stamp	Turn on/off
Audio	Turn on/off
Turn on recording	Turn on/off
Language selection	Simplified Chinese/traditional Chinese/English/German/Japanese /French /Korean /Italian /Russian
Current frequency	50Hz/60Hz
Fill light	Turn off/Automatic/Turn on
Backlight time	3minutes/Turn off
Automatic shutdown	3minutes/Turn off

Key tone	Turn on/off
TV format	PAL/NTSC
G-SENSOR	Turn on/off/medium/high
Picture setting	/
Volume function	/
Reset factory settings	OK/Cancel

Product specification

Screen	1.2M CMOS sensor, 1/4 inch photosensitive area
Lens	4.3mm focal length lens
LCD screen	1.5inch (4.3) TFT LCD
Video output	AV(CBS) : composite TV signal output NTSC/PAL HD TV interface: HDMI signal output
Photo	JPG format, 12M
Video	H.264 compression format 720P/16:9
Audio	Built in microphone/speaker(AAC)
Memory card	External media: SDHC card(supporting up to 32G, card)
Shutter	Electronic shutter
Fill light	Electronic automatic infrared fill light(LED)
Battery	Built-in lithium polymer battery,500mAh 3.7V

Simple troubleshooting:

If the device does not function correctly, please refer to the solutions below.

-Cannot take pictures or video clips:

Check the Micro SD card whether has sufficient space

-File Error in playback mode:

Please format the Micro SD card

-Video or pictures are blurry:

Please clean up the lens.

-Horizontal lines interruption in the image:

This is caused by the light source set incorrectly, please set as 50Hz or 60Hz according to the local power frequency.