GATOR

HDDVR202
HD DVR 720P
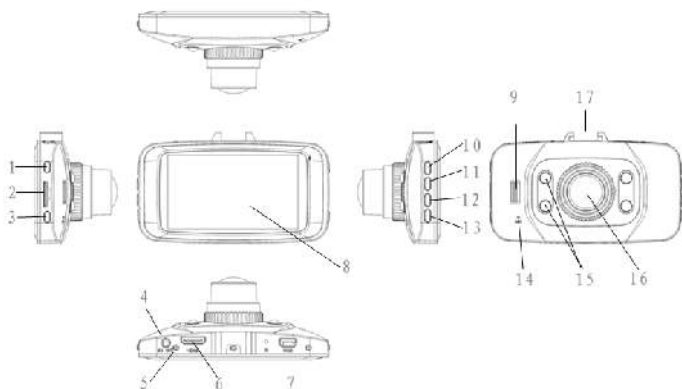# CAR CAMCORDER

USER MANUAL

Product Description

This product is developed with the latest technology to design a professional HD Car DVR. It can both record 1280*720P high-definition video and take 1.3 mega pixels pictures. Micro SD card is used for storage. This DVR is compact, power-saving and portable. Video files can be transferred by HDMI to a high definition LCD TV and realize picture perfect playback.

Product Features

- 120 degree Ultra High-definition wide angle lens
- 1280*720P HD resolution
- MJPEG compression technology
- 2.7" inch LCD screen, watching while shooting
- Support night vision with 4 LED lights
- Support HDMI full HD video transmission
- Video can switch 3 kinds of resolution
- 30 frames per second smooth video
- With Suction cup bracket for convenient installation

Product Structure

1、Power key   2、Card slot   3、OK key
4、AV OUT interface 5、Reset   6、HDMI
7、 USB interface   8、Screen   9、Horn
10、Menu Key   11、Up key   12、Down key
13、Mode key   14、MIC   15、IR light
16、Lens   17、Bracket slot

Battery Power

Full　　Slightly less power　　Low power

Battery Charging

1. Connect the DVR using the USB interface via the car charger, the DVR starts up automatically and charges. When it is shut down, it can also be charged. When charging, the indicator light is red. Once battery is full, the red light turns off.

2. USB charging: connect the DVR with computer via a USB cable. When it is shut down, it can also be charged. When charging, the indicator light is red. Once battery is full, the red light turns off.

Plug in and plug out Micro SD Card

1. Insert the Micro SD into the card slot correctly and then fix it inside.

2. Press slightly the Micro SD inside, then the Micro SD will pop up automatically. At this time, you can take out the card.

Attention

1. Please pay attention to the insert direction of the card. If it is in the wrong side, it may damage the device and Micro SD.
2. When you have inserted the Micro SD into the device, the device will be set as default storage equipment, the original documents inside can not be read.
3. If Micro SD is incompatible with the device, please retry to insert the Micro SD.
4. It supports Maximum 32GB Micro SD.

Operation guide

1. Turn on the device by pressing power one second and switch it off by pressing for 3 seconds.
2. Either insert or plug out the Micro SD, the device will turn off automatically.

Switch Operation Mode

3. Pressing the Mode key can switch Video shooting/Taking

picture/Playback, is video shooting, is taking

picture, the icon will show on the upper left of the screen.

How to enter the photography system set up option

4. In the video or photographic mode, press menu button once, then press the up/down key, enter the system set up option

*Resolution: 720P 1280*720/ WVGA 848*480/ VGA640*480
* Motion Detection: off/on
* Audio: off/on
* Date Stamp: off/on
* Date & Time: date adjust
* Auto off: off/1Min/3Min
* Button voice: off/on
* TV mode: PAL/NTSC
* Light frequency: 50HZ/60HZ
* Image rotation: off/on
* G-SENSOR: off/on

* IR Light: off/on/auto

* Format: Internal storage/SD Card

Recording Video

When in video recording mode, the upper left of the screen show

mark [⌐] , press ok key to start recording, icon ● flash at the

upper left screen. Press the ok key again to stop recording and at the
same time ● disappear. During the process of video recording, up
key can be used as the shortcut key of sound and down key work as
SOS/ emergency lock key.

Photographing and Menu Settings

- Shooting mode: single/2 seconds/5 seconds/10 seconds
- Resolution: 12M/10M/8M/5M/2M./1.3M
- Continuous Capture: off/on
- Image quality: High/Standard/Economy
- Sharpness: strong/standard/soft
- White balance: automatic/ sun/cloudy/tungsten lamp and
  fluorescent lamp
- Color: color/black and white/light brown

- ISO: Auto/100/200/400
- EV -1/3 -2/3 -1.0 -4/3 - 5/3+0.0 +1/3 +2/3 +1.0 +4/3 +5/3 +2.0 -2.0
- Anti-shake: off/on
- Fast reading
- Date stamp: off/on

1. Press Mode key to be in picture taking mode，the upper left will

show icon .

2. Press OK key to take photo. After a sound of click, photo taking is finished after a second. During this process, catch the camera as stable as you can to avoid shake affect image quality.

Tips:

1. In any mode of photographing, you can press the mode button to cycle through video shooting mode, photo taking mode and playback mode.

Playback mode

1. Browse file:

When the device starts up completely and enters the recording mode, press the mode button to switch to playback mode, press the up or down key where you can browse pictures and video data. Playback by file type, you can only browse the video file when the file type is video, and can only view the pictures when the file type is picture.

2. Delete and Protection

In the playback mode, press the Menu key, you will see "Delete" and "Protection lock" option, press the OK button to enter the "delete this" and "delete all" option. Press the OK button to enter, and continue pressing the OK key to confirm. You can also operate to lock the file, the file can not be deleted before unlocking it.

Data Backup
USB backup mode
Connect the camcorder with the computer by USB cable, the

camcorder automatically boot and enter the MTFC mode. In "My Computer", you will see a removable disk. You place the appropriate files by file type in removable disk.

Remarks:

1,Operating systems: Windows 2000/XP/Vista/Windows 7, MAC OSX 10.3.6 or higher.

2, Plug out the USB cable to turn off the camera

Connecting the TV playback

1. Use HDMI line to connect the camcorder with TV for playback

2. Use TV line to connect the camcorder with TV, you can start recording video, taking picture and browsing playback pictures and audio-visual video.

No need to install the drivers.

Specifications:

LCD screen size	2.7" 960*240
Lens	High resolution ultra wide angle lens
Optional	English, Japanese, Russian, Traditional

language	Chinese, Simplified Chinese, French, Spanish, German, Italian
Video Resolution	720P（1280X720） WVGA（848*480） VGA (640*480)
Video format	MJPEG
Photo Resolution	12M/10M/8M/5M/2M
Photo Format	JPG
Memory	Micro SD
Speaker	Built-in
Light Frequency	50Hz/60Hz
TV out	NTSC/PAL
USB interface	USB2.0
Power	5V 1A
Battery	3.7V 300MA lithium battery
System	Windows 2000/XP/Vista/Windows 7,MAC OSX 10.3.6 above

Notice： This product retained the right of change design and specifications without prior notice.