HD1800

Manual

HD DVR SPECIALIZED FOR CAR

1080P HD   Cycle video function

H.264 Decoding Compression

Adjustable angle:0~20°

TIME   OK   FORMAT   PWR

Preface

It adopts high definitionsensor and has its uniqueoutstanding charactors by cooperating with professional Korean DVR manufacturer.

This product can record all process of driving and record or take pictures during travel, with effect same to professional DV device. Before use this product, please read this manual carefully. It will bring you joy.

Product Warranty

This product has passed ISO9001: 2008 and related security act , please feel ease to use.

Warning Against Copyright Infringement.

Please note that this product is for personal use only. It may not be infringed upon or invade the range of domestic or international regulations.

Menu Guide

Specification

NO.	Parameters
1.Lens	HD Lens
2.Sensor	USA Micron Sensor.
3.MIN illumination	<0.5Lux
4.Video Resolution	1440X1080P15/1280X720P30/848X480P30
5.Video Format	AVI
6.Storage Media	Micro SD/MMC（Maximum 32GB SDHC）
7.Record	4GB SD:720P/6 min WVGA/135min
8.Motion sensor	Any movement with 3.5m trigger recording when motion sensor on.
9.Storage Temp	-20℃–50℃
10.Working Temp	-10℃–50℃
11.Working Humidity	15~85%RH

Package List

Host	Car black box stick on holder	Car black box cable
Micro SD card（8G）	Manual	

Features

✔ 1080P HD Performance

Adopt HD performance lens,record can be reach on 1440x1080P15FPS.
(we suggest torecord on 720P)

✔ High definition camera lens

Adopt 5millon HD sensor and High definition camera lens , with clear effect daytime
and can see car number plate in night vision.

✔ No frame and no time be lost

Record with 30fps, record and save simultaneously.

✔ 10 Event files locked

When standing by ,30s G-SENSOR event file record will be locked.when recording ,before
or after 30S G-SENSOR event file record will be locked.In the folder totally 10pcs latest file
can be locked.

✔ H.264 decoding compression

High data compression ratio, saving storage space while ensuring high-quality video data.

✔ 3.5M Motion detection

Any movement or light changes within 3.5m trigger recording when motion detection on.
And it will standby automatically after 25s with no movement or light change.

✔ Quickly key for microphone and screen on or off

Build-in microphone for recording the sound.And quickly key for microphone and screen
 on or off.

✔ Unique file naming

The video file name include year,month, day, hour,minute and second information, for
the files name,the normal ones with "S" , motion detection with "M".G-SENSOR with "G".

✔ 8X fast playback

2 X/ 8X fast forward and rewind playback ,and can rewind play, play photos by using PPT.

✔ 9 grid video image preview

Playback mode, video and photos can be previewed by 9 grid .

Features

✔ 4 ways for record start

Manual start, car power start, G-sensor start, motion detection start.

✔ Recycling record

Record length has 1 ,2 or 3min,it automatically delete old files when storage space is full.

✔ Delayed shutdown

It will alarm before car power off and delay the shutdown time.

✔ Low battery alarm

When the battery is low, the system will alarm.

✔ Multi-language

Support Chinese, English, Russian, Korean etc.

✔ AVI Format

AVI format files, can be used by mostly PC and portable media for playback.

✔ Build-in loudspeaker

Build-in AC-3 loudspeaker, used in playback, key alarm, record state remind, SD almost
full and low battery alarm.

✔ Support AV-OUT function
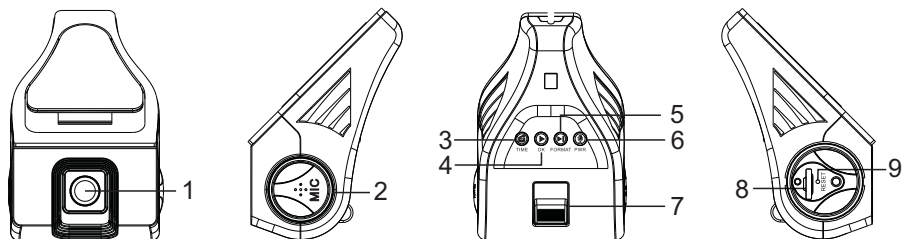
Support AV-OUT or monitor or DVD.

✔ PC Camera

When connect to PC,it can be used as HD PC camera.

✔ Less power consumption

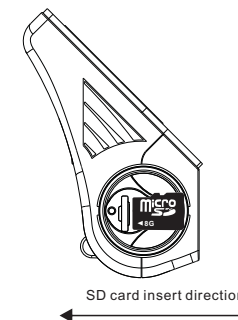Less power consumption tion support long time working.

Introduce

1.Lens: For recording and photography, pls keep clean always;

2.MIC: default off; Microphone funtion on recording;

3.TIME/REC button:
(1) on any status, press "REC" into record prior , on record status, press "REC" stop recording;when recording,REC indicator lamp flashing;

(2)on non-record status, press "TIME" button continuously for 3 seconds, into time adjustment interface; press "Format"(down) and "PWR"(up) button to do adjustment, press "TIME" into next adjustment.press "OK" button continuously for 3 seconds, quit and save the setup;

4. OK/PLAY button:
(1) On non-record status, press "PLAY" into replay 9 grip interfaces, press "PLAY" again into selected record file play status, also"PLAY" button can do play/pause function;
(2)on non-record status, press "OK" button continuously for 3 secondsit will go into "Menu"

5.FORMAT/NEXT button:
(1)on 9 grip replay interface, press "FORMAT" to select file;
(2)during play file status, press "FORMAT" to select next file or fast-forward;
(3)on non-record or replay status, press "FORMAT" button continuously for 3 seconds, it show "FORMAT" into the SD card format process.

6.PWR/MIC:
(1) turn on/off microphone;
(2) replay 9 grip interface status, upward to select file;
(3)On play file status it can select last file, or fast-forward function;

7.Camera angle adjust handle : use the hander to adjust the camera angle after install the car black box (adjustment arrangement :0~20)

8.Micro SD slot: for SD card;

9.Reset button: for reset system;

How to use

▶ SD card usage

Apart to protect the sd card slot in the film, micro sd memory card Straight into the trough in the direction of the fuselage, until he heard a loud stereo, "KA".Ensure that fixed well. with sd card to protect the film. if need remove the sd card, just open sd card protection film and find out SD card. pushing forward the sd card.then Automatically out.
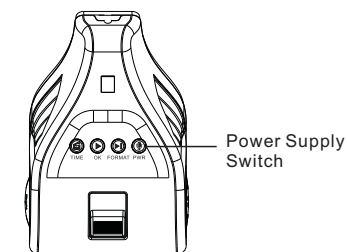
Attention: SD card prior to use with machine firstly. then turn on the computer and enter menu to choose a format "YES" for SD card format.

SD card insert direction

▶ ON/ OFF manually

On : press power"⊚" supply 5S after the indicator turning to green.

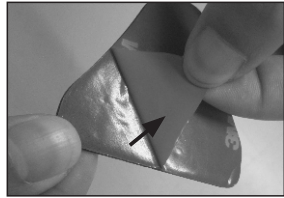OFF : press power"⊚" supply key after the indicator turn off.

Power Supply Switch

Attention: DVR can alarm in low power condition.

▶ON/ OFF automatically
Once get power from car charger, DVR will start automatically and enter into recording state.

How to mount

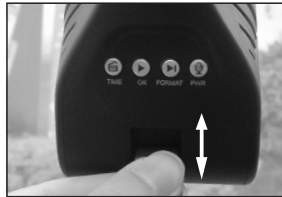▶ **Paste the bracket to the windshield**

1.Tear down the 3M from the bracket

2.To plaster on the car window after selected position

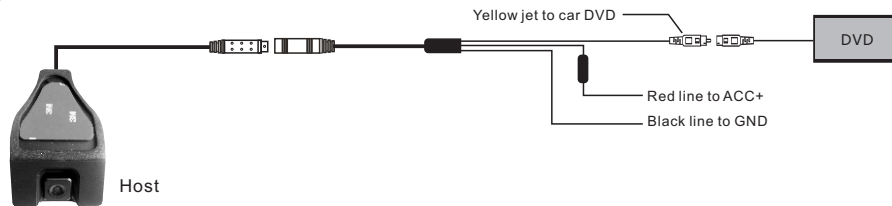3.Push the car black box after put it into the holder correctly

4.Installation finished

5.Struck the handle to adjust the camera angle. (adjustment arrangement :0~20)

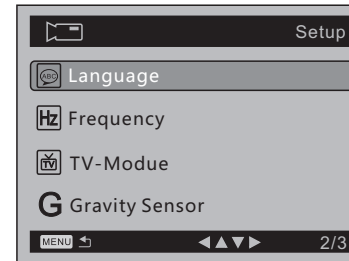6.If need to take down the car black box , just hold it and push up.

▶ **Electric Connection**

Yellow jet to car DVD

DVD

Red line to ACC+

Black line to GND

Host

Best install position

Reminder:

1.Install it near to the back mirror to get a better view.

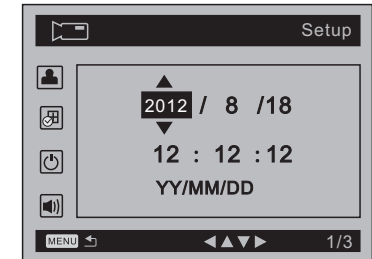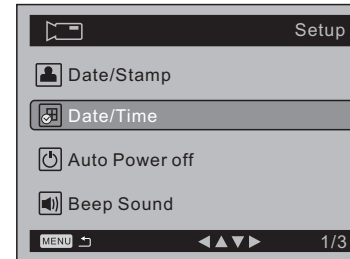2.Can't install it near the safety airbag .

How to set

In standby state, press "OK" to set the button. After MENU, press " ⊙"(up)or" ⊚ "(dowp)key to seletct the needed language, details as below :

【LANGUAGE】Set the language : Simplified Chinese / Traditional Chinese / Korean / Russian / English.

Setup
- Language
- Hz Frequency
- TV-Modue
- G Gravity Sensor

MENU ◀▲▼▶ 2/3

Language
- English
- Deutsch
- Francais
- Espaňol

MENU ◀▲▼▶ 2/3

【DATE/TIME】On stand-by status, " ⊚ "button 3seconds continuously,use" ⊙ "(up)or
" ⊚ "(dowp) to select value after finishing press"OK"to save.

Setup
- Date/Stamp
- Date/Time
- Auto Power off
- Beep Sound

MENU ◀▲▼▶ 1/3

Setup

2012 / 8 /18

12 : 12 :12

YY/MM/DD

MENU ◀▲▼▶ 1/3

【POWER Off DELAY】Set automatically shut down time when the car powe off: Off/5m//10m/30m.

【FLICKER】Set frequency : Auto/50Hz/60Hz;

【TV TYPE】Set TV system : NTSC/PAL;

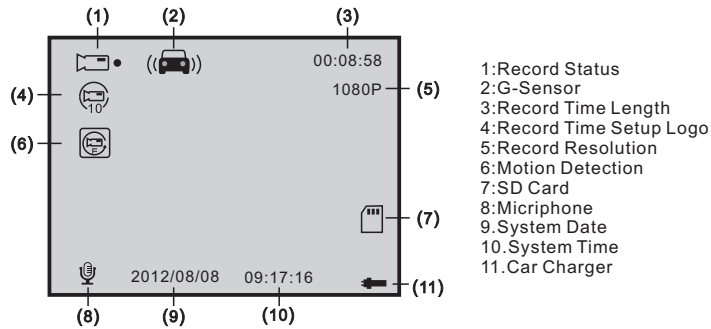【FORMAT】SD card format: Yes/No. (Be careful of this operation.)

【DEFAULT SETTING】Restore factory settings : Y/N. (Remark : if click Y , it will restore factory setting.)

【FIRMWARE Version】Check the software version.

How to REC.

▶ REC. operation

Press"⊚ " to start record with indicator red. Once the left corner appear ⊏▭● mark,

press"⊚ "to stop recording and save files. Press"PWR"during recoring can start or shut

down audio recording." 🎤 "means andio recording" 🎤 "means recording andio without.

```
        (1)      (2)              (3)
     ┌▭●   ((🚗))        00:08:58
(4)   ⊜                  1080P  ─ (5)
        10
(6)   ⊟
                                📇 ─ (7)

     🎤  2012/08/08   09:17:16  ◄▬ ─ (11)
     (8)      (9)        (10)
```

1:Record Status
2:G-Sensor
3:Record Time Length
4:Record Time Setup Logo
5:Record Resolution
6:Motion Detection
7:SD Card
8:Micriphone
9.System Date
10.System Time
11.Car Charger

▶ REC. set

Press"OK"botton to 3seconds,then press " ⊙ "or" ⊚ "go into setup:
【RESOLUTION】Setting Resolution : 1440x1080P15/1280x720P30/848x480P30.

【RECORD OVERWRIITE】Set cycling record : ON/ OFF.

【SPLIT MODE】Set record file length : 1MIN/2MIN/3MIN/5MIN/10MIN.

【MOTION DETECTION】Set motion detection : ON/ OFF.

【RECORD DATE】 : ON/ OFF.

▶ Recording file check

On standby status,press"OK"button into 9 grip interfaces.press"FORMAT"or"PWR"to
select fnles,press"OK"button to play files.
During playing"FORMAT"can do fast forward(2X/4X/8X);
"PWR"can do fast backward(2X/4X/8X).

Troubles

1. 【Unclear images of videoing or photographing】
   Please check if there's dirt covered the surface of the lens or the auto glasses, and clean with a soft cloth.
2. 【No flicker of the status light or failure of the button during videoing】
   Please press "RESET" to reset the system and press "POWER" to restart.
3. 【Disorder of system settings】
   Please enter the "MENU", and press "DEFAULT SETTING" to resets all the settings to the default.

⚠ Declaration

This product is used for providing a real time video display and recording about car surrounding or road condition information for the driver in safety.But because of the complexity of the road and different driver ability , we don't undertake any responsibility for the traffic accident when the car installed this product, please drive carefully and observe traffic regulations!