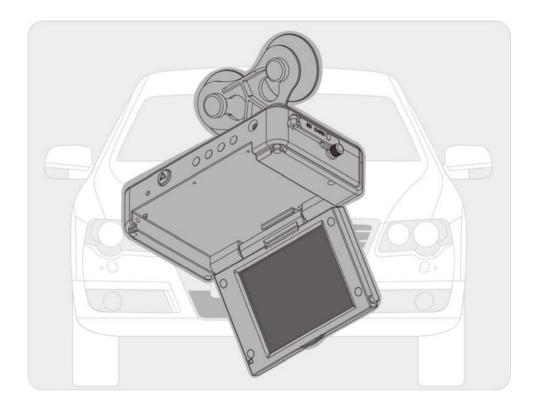
# **FULL HD 5 Megapixel** Vehicle Video Recorder User Manual



2013 JAN V2.0



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# A. Feature Description

- Built-in Full HD 5M CMOS Sensor. View angle approx. 105 degrees.
- Easy installation. Suitable for all types of vehicles.
- Equiped with 3 inch TFT LCD screen provides a platform for composing and playing back your footage, while the fixed focus lens keeps things simple.
- Built-in accelerometer, the system automatically determine the level of the screen visualization, and make the screen self-rotated to normal position
- Advanced H.264 compression technology for longer recording of higher quality video.
- When the screen turn to abnormal position, the system automatically determine the level of the screen visualization, and make the screen self-rotated to 180 degree.
- Using SDHC memory card, support up to 32GB.
- G-sensor, GPS and Image data will be recorded simultaneously.
- G-sensor sensitivity can be adjusted according to vehicles and road situations. When detect a strong shock, system will start emergency recording and keep the files without being overwritten.
- Embedded GPS module, Google map is available for viewing the recorded file and let user to view the routes.
- The most user-friendly player software, easy to operating.
- Built-in two way High Sensitivity automatic gain control Microphone.
- With full time/date record, can be displayed in screen directly.
- Provides completely Even log table, easy to search recorded files.
- Provides a variety of recording video formats and number of frames to selected.

## **B.** Schematic Diagram Of The Installation Steps

Two types of brackets installation for selection ' Suction-cups type and Stick-holder type.

#### A. Suction-cups type



Make the bracket facing upward, assemble the suction cups, setup the machine in proper position, adjust the viewing angle.



Remove 3M sticker and adjust the best position properly.

#### B. Stick-holder type





Take machine bracket slides into the latch and lock.



Plug in the cigarette adapter.



The other side of cable connect to DC 5V port



- Green indicator: Power on.
- Blue indicator: GPS positioning ready.



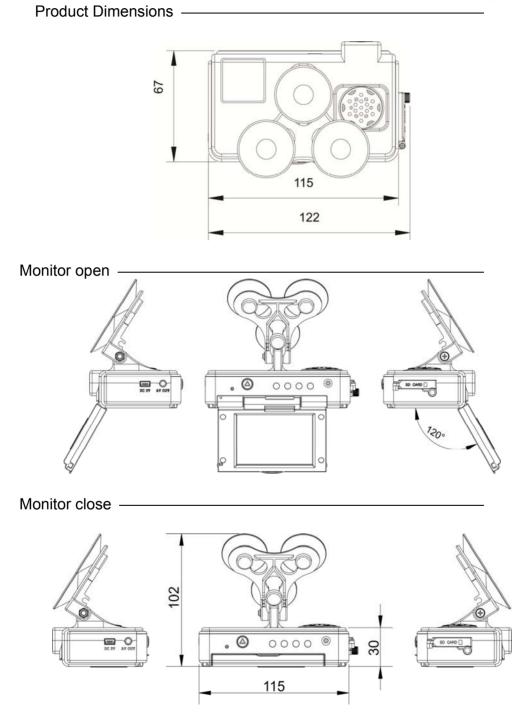
Installation complete

# C. Specification

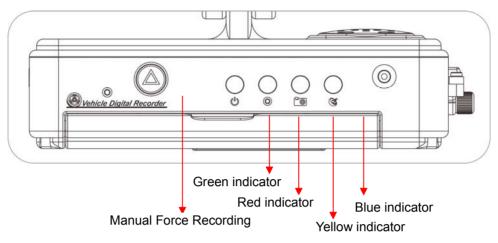
Items	Description
Chipset	Ambarella H.264 image compression chip
Sensor Device	Full HD 5M CMOS Sensor
View Angle	View angle approx. 105 degrees.
Voltage	Start at 5V±5% ; 650mA, Remark: Please use 5V±5%, 1A Cigarette lighter adapter. The machine needs 4.8v to start.
Operating Temperature	$-10^{\circ}C \sim +70^{\circ}C$ (Inside vehicle)
Storage Device	For the performance issue, use SanDisk SDHC card Class 6 or above read/write speed 15MB/s recommend. (min capacity 4G, Max 32G)
Recording Frame And Content	1920x1080 (Full HD1080P/ 30F) 1280x720 (HD720P/ 30F). Auto record when power up system. Recording frame: 30fps(NTSC/PAL) only select one.
Recording Content	Date, time, image, sound, G-Sensor data, GPS data.
Recording Format	Specific format for player software.
Microphone	Built-in Dual High Sensitivity Microphone.
Input Device	Emergency recording button  Remote controller.
Out Device	<ul> <li>(a) TV-Out (1 Vp-p composite video output, 75 ohms), Two kind of system: NTSC/PAL</li> <li>(b) Red light: Recording</li> <li>(c) Green light: Power</li> <li>(d) Yellow light: Manual taking photo</li> <li>(e) Blue light: GPS 3D positioning</li> <li>(f) Mini USB for PC connection</li> <li>(g) Built-in accelerometer, the system automatically determine the level of the screen visualization, and make the screen self-rotated to normal position.</li> </ul>
Time Setup	Auto-calibrating by GPS signals. If GPS is not available, the built-in clock will be used.
G-Sensor	Built in Internal 3D G-Sensor
Accessories	Standard: 1. Main Machine 2. Quick Guide 3. Remote Control 4. 5V Cigarette Lighter Adapter 5. Driver CD Optional: 1. SD card 2. 5M RCA Video out Cable
Important Notice	<ul> <li>(a) Machine must be installed in the area that wipe can be reached.</li> <li>(b) Machine provides both NTSC and PAL systems, please using OSD to change the right system in order to connect system monitor properly.</li> <li>(c) After SD card formatted, user needs to set up time zone data from Software player in order to display the correct time on OSD video output.</li> <li>(d) SD card must be formatted by special player first to be used properly.</li> <li>(e) GPS positioning speed will be affected by weather, window films, etc.</li> <li>(f) Windows film may contain metal substances and have impact on GPS positioning.</li> </ul>

# **D. Product Appearance**

UNIT:mm



# E. Recording And Stop Recording



1. Power on / Recording:

Wait around 30 seconds after power-on to start up the machine.

The recorder will be started while power supply acts after one minute.

Green light indicator will keep on when the recorder is in power-on mode.

The recorder starts to record while red light indicator flashing Indicator Definition:

- •Red indicator: red light flashing is presented as "on recording", the red light flickering shows force recording status.
- •Green indicator: green light means power on •
- ullet Yellow indicator: yellow light means in manual photo mode  $\circ$
- •Blue indicator: blue light flashing while GPS signal is not stable, otherwise is stable GPS signals.
- 2. Power off / Stop recording:

When power supply is shut down, the recording will stop at the same time and you can remove SD card to read the files.

3. Enter / Exit Displayer Mode:

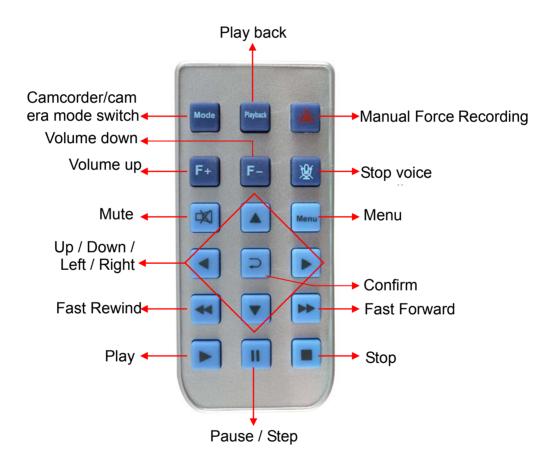
(a) Select "Playback" to enter display mode on live view, click the

time period of recorded file and press the "play" key to show the file.

(b) Select "Playback" on display mode and return to live view.

## F. Remote Controller Description

Key mapping table for remote controller:

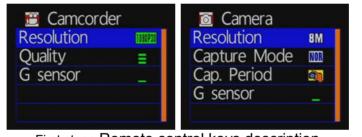


# G. Main Menu Operating Description



 $\star$  Total three setting pages; click on the settings page, you can

★ I otal three setting pages; click on the settings page, you can conduct more detailed and related setting (For detailed setting, please refer to the settings page instructions).



#### First stage Remote control keys description

Moving menu options	[Left/Right Key]
Selecting items	[Up/Down Key]
Selected the item, confirm setting	[Confirm key]
Enter index, back to previous menu	[MENU key]

#### Main Menu Settings

Click 📼 button on the remote control to enter the main menu setting page.

After entering the main menu settings page, press the Lev button on the remote control, choose the Settings page; then click D on the remote control to enter the settings page.

To exit the Settings page, click on the remote control in you can choose to leave and return to the settings page.

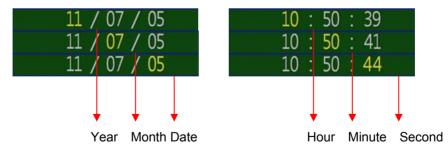
#### ♦ Language setting

🔀 Setup		🔀 Setup	
Language	ABC	English	ABC
Date / Time	Ð	Date / Time	<b>B</b>
Time Zone		Time Zone	(
TV standard	TV	TV standard	TV
Frequency	Hz	Frequency	Hz

★Support 13 languages: English / French / German / Italian / Japanese / Korean / Portuguese / Russian /Simplified Chinese / Spanish / Traditional Chinese / Turkish / Dutch

## Date / Time

Setup Language Date / Time Time Zone TV standard Frequency	Image: Setup         11 / 05 / 03         09 : 06 : 50         Image: Setup         Image: Setup	
Menu Options	[Up/Down Key]	
Selecting Options	[Confirm key]+ [Up/Down Key]	
Selected the item Confirm setting	[Confirm key]	
back to previous menu	[MENU key]	



- Date / time: Press the remote control <a>D</a> button, enter the date / time setting
- Press the remote control key, move to the year / month / day / hour / minutes / seconds

- Press the remote control button, can change the set of year / month / day / hour / minutes / seconds
- After setting and then press remote control Le key to the Select button and then press I to confirm saving.

 $\star$ Year Setting: to set behind 2 digits of AD year, to set hour for the 24-hour.

#### Time Zone

🔀 Setup		Setup	
Language	ABC	Language	ABC
Date / Time	<b>-</b> O	Date / Time	<b>O</b>
Time Zone	<b>#</b>	UTC +8	(
TV standard	TV	TV standard	TIV
Frequency	Hz	Frequency	Hz

 $\bigstar$  selecting the proper time zone for your position

#### ♦ TV standard

🔀 Setup		🔀 Setup	
Language	ABC	Language	ABC
Date / Time	•	Date / Time	<b>B</b>
Time Zone		Time Zone	(
TV standard	TIVI	NTSC PAL	
Frequency	Hz	Frequency	Hz

★NTSC/ PAL for selecting

- TV output format: click the remote control <a>D</a> button to enter the TV output format settings page.
- Press the remote control ≤ key, select the video output format of driving recorder.
   For example: NISC PAL → NISC PAL, after setting up and

then press the remote control 🖻 button to save the settings.

★TV output format, according to different national systems using the input format for the TV set, the system is preset to NTSC (Taiwan TV image is NTSC). When input the image causing TV screen which appears black and white, beat, we can switch to PAL TV screen to check returning to normal status.

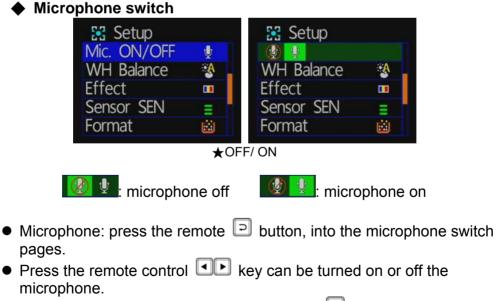
## Light frequency setting

	🔀 Setup	
ABC	Language	ABC
<b>O</b>	Date / Time	e
	Time Zone	
TV	TV standard	TVI
Hz	50Hz 60Hz	
	O O M	Language Date / Time Time Zone TV standard

★50Hz/ 60Hz for selecting

- Light frequency: press the remote control 🔄 button, enter the light frequency page to do the setting.
- Remote control → button, can change the light frequency setting.
   For example: 50Hz 60Hz → 50Hz 60Hz , after setting finished, press the selected remote control key to save the settings.

★Light frequency: according to different power frequency flicker and, thus, the wavelength, the wavelength is caused by the human eye brightness of the most important factor; general, the higher the frequency of light, the brighter the ambient feel. As the use of Taiwan's general power frequency 60HZ, 60HZ recommended to set the frequency for the light source is more suitable environment in Taiwan.



• Setup is complete, press the remote control Dkey to store settings.

★ Microphone to record the sound of inside vehicle information, if concern about personal privacy information, proposed close microphone function (off microphone function, converting the image files to video without sound state).

## ♦ White balance

Mic. ON/OFF 🔮 Mic. ON/OFF 🔮	
WH Balance 🦉 🛃 🥙 🔆 🌰 💥 🗍	
Effect 🚥 Effect 🚥	
Sensor SEN = Sensor SEN =	
Format 👜 Format 👜	

★Five ambient light option for selecting Auto / Daylight / Cloudy / Fluorescent / incandescent light



- : Automatic mode
- : Daylight mode
- : Cloudy mode
- : Fluorescent mode
- : Incandescent mode
- White balance, press remote D button, into white balance settings page.
- Remote control **I** key to select different white balance mode.
- Setup is complete, press the remote D button to save the setting.

 $\star$  White balance mode is set, regardless of the state in the camera or photography will open automatically.

 $\star$  When take recording, suggest white balance set to automatic mode in order to open the white balance automatically to avoid the screen unclear.

Icon	Description	Picture	Application instructions
	Auto		The machine set automatically
÷.	Sunlight		For fine weather
۵	Cloudy day		For cloudy, dark or twilight
۲	Fluorescent		For warm white, cool white (3-wavelength) fluorescent lighting
	Incandescent		For incandescent lamps and bulb- type 3-wavelength fluorescent

The following table shows picture taken in various white balance mode.

#### Effects

Setup Mic. ON/OFF WH Balance	₽ <b>⊗</b>	Setup Mic. ON/OFF WH Balance	<u>⊎</u> ⊛
Effect		💶 💷 💷	
Sensor SEN	1 E 1	Sensor SEN	1 E 4
Format	ė.	Format	ü

★Color / B & W / Retro color

- Effects: press the remote D button, enter the effects settings page.
- Press the remote control **I** button to select the effect model.
- Setup is complete, press the remote <a>> button to save the settings.</a>

 $\star$ Effects model setting, whether in photography or video mode it will automatically open.

The following table shows picture taken in various effect mode.

Icon	Description	Picture
	Color mode	
	Black mode	
•••••••••••••••••••••••••••••••••••••••	Retro mode	

## Sensing sensitivity

🔀 Setup		🔀 Setup	
Mic. ON/OFF	Ŷ	Mic. ON/OFF	Ŷ
WH Balance	<b>A</b>	WH Balance	A
Effect		Effect	
Sensor SEN	8	_ = = Ē	
Format	ė	Format	ė

★Caution: You can adjust the sensitivity level (more number of green bars stands for higher sensitivity)



- Sensor sensitivity: press the <a>D</a> button, enter the sensor sensitivity settings page.
- Press the remote control **I** key, select the sensor sensitivity level.
- Setup is complete, press the 🖻 button to save the settings

 $\bigstar$  Sensor sensitivity means the sensitivity of the reaction: when passing through a dark place, the vehicle turned on the white balance mode; when the higher sensitivity settings, after passing a little dark as long as it will open automatically, more likely to cause excessive light up the screen.



Setup Mic. ON/OFF WH Balance Effect Sensor SEN Format	<ul><li></li><li></li><li></li><li></li></ul> <li></li>	Setup Mic. ON/OFF WH Balance Effect Sensor SEN	
★can	cel forma	at / confirm format	
🚺 🛃 : Cancel fo	ormat	🚺 🛃 : Confir	m format

- Format: press the 🖻 button, enter the format settings page.
- Press the remote control **I** button, choose whether to format.
- To confirm the format, press the 🖻 button to do the SD card format.
- ★When you click "cancel the format:, it will return to the main Settings page.
- ★ When determining to format the SD card, all data in the SD card will be erased, please back up any old data in advance to avoid old data be erased.
- ★A new SD card must do the formatting operation first and then start the recording.

Restore factory settings



★ cancel default setting / confirm default setting

Cancel to restore factory settings

🕅 confirm to restore factory settings

- Restore factory settings: press the remote control 🗩 button, enter the restore factory settings page.
- Press the remote control key, whether you want to restore to factory settings.
- Confirm to restore factory settings, press the remote control D button, to return to the original setting

 $\star$  When click "cancel to restore factory settings", it will return to the main Settings page.

 $\star$  When confirm "confirm to restore factory settings", it will return to the factory value settings; when return to factory value, you could enter main menu to configure the related settings again.

## Camcorder mode setting

🖽 Camcorder	
Resolution	1080930
Quality	=
G sensor	_

Remote control keys description

Moving menu options	[Up/Down Key]
Selecting items	Left/Right Key]
Selected the item, confirm setting	[Confirm key]
Enter index, back to previous menu	[MENU key]

**Camcorder mode settings:** press the remote control wey to enter the camcorder settings page. Enter the main page, press the remote control vey to select the camera or camcorder. Enter camcorder mode main page, press the remote control vey to select the setting. Press the remote control vey to enter the settings page. If leaves the settings page, press the select wey to the remote control, you can leave and return to the camcorder or the main page.

 $\star$ Camera mode setting is total one page; Click the Settings page to enter more detail setting related (set for details, see the description of the settings page)

### Video resolution setting



- Camcorder mode settings / image resolution, press remote control button to enter image resolution setting page.
- Press the remote control key to choose variety of image resolution.
- Setup is complete, press the remote control <a>D</a> button to save the settings.

#### There are two kinds of image resolution mode selectable:

1920 \* 1080P (30): 1920 \* 1080 screen resolution, 30 frames per second. 1280 \* 720P (30): 1280 \* 720 screen resolution, 30 frames per second.

Icon	Description	Picture
(1000P30) 720P30	1920x1080P(30)	
(1050720) ( <u>720730</u> )	1280x720P(30)	

## Quality settings

quality obtailingo			
😁 Camcorder		🖽 Camcorder	
Resolution	1080230	Resolution	TUBUPED
Quality	=	_ = =	
G sensor	-	G sensor	
★Caution: You can adjust the of green b		ality level (more num s for higher quality)	ber
= : Low _	E	Normal	= 📄 : High

- Set the camcorder mode / quality: press the remote control Dutton to enter the quality settings.
- Press the remote control **I** key to select the video quality.
- Setup is complete, press the remote control 🖻 button to save the settings.
- $\star$ Video quality setting higher, the better image quality.

♦ G-sensor setting



 ★ Caution: You can adjust the G-sensor sensitivity level (more number of green bars stands for higher sensitivity)
 ★ When emergency record is triggered, it will keep around 3 minutes emergency recording and keep the files without being overwritten

-	-		Ξ	I	: Very low
-	-	Ξ	Ξ		: Low
-	.=-	B	Ξ	Ξ	: Normal
	-				: High
-	=		Ξ		: Very high

• Camcorder mode settings / G-sensor: press the remote control 🖻

button to enter the G-sensor settings.

- Press the remote control button to select the sensitivity of Gsensor.
- Setup is complete, press the <a>D</a> button to save the settings.

★Note: the higher the sensitivity on behalf of gravity (G) the more sensitive the sensor, the more likely trigger mandatory recording; every trigger mandatory recording, before and after the accident will force to save 3 minute video and not be covered (when G-sensor trigger recording, all the lights will become darker).

## Camera mode setting



Set the camera mode: press the 🔤 button on the remote control to enter the camera settings page.

To set directory on the main page, press the select  $\checkmark$  buttonon the remote control to select the camera or photograph; Into the camera mode of the main page, press the remote control  $\checkmark$  key selected to choose the Settings page and press the remote control  $\supseteq$  to enter the setting page; to leave the settings page, press the  $\square$  button on the remote control, you can leave and return to the camera or main setting page.

 $\star$ Camera mode is total one page; Click Settings page to more detail settings (the detailed settings, see the setting instructions on the settings page).

#### Image resolution setting:



- Camera mode / image resolution: press the remote control 🖻 button to enter the setting page of image resolution.
- Press the remote control I button to select different image resolution.
- After setting, press the remote control 🖻 key, to store settings.

 $\star$ There are three image resolution modes selectable:

8M: 3200 \* 2400 screen resolution, picture quality is 800 million pixels. 5M: 2592 \* 1944 screen resolution, picture quality is 500 million pixels. 3M: 2048 \* 1536 screen resolution, picture quality is 300 million pixels.

Icon	Description	Picture
3M 5M 8M	3M: 300 million pixels	
3M <mark>5M</mark> 8M	5M: 500 million pixels	© ● ● 5M
3M 5M 8M	8M: 800 million pixels	© ■ BM

★ When the higher image resolution, the greater the amount of data stored in the file.

## Capture mode setting



NOR: Normal mode

G-S: G-Sensor mode with three pictures once

- Camera mode / capture mode: press the D button to enter the capture mode setting page.
- Press the remote control **I** keyto select the capture mode.
- After setting, press the 🖻 button to save the settings.

 $\star$  When the capture mode NOR selected, to set capture picture time from the camera cycle option.

## Camera period setting



- Camera mode / capture period: press the remote control D buttonto enter the settings page to set the period setting.
- Press the remote control I buttonto select period of time to capture.
- Setup is complete, press the remote button 🖻 to save the settings

 $\star$  When the capture mode NOR selected, the option to set the camera period setting.

★ Photographic period: 30 seconds / 1 minute / 5 minutes / 30 minutes, fixed shot once.

## G-sensor setting





- Camera mode / G-sensor, press the remote control 🖻 button to enter the page to set the G-sensor.
- Press the remote control **I** button to set the sensitivity of G-sensor.

Setup is complete, press the remote button to save the settings.
 ★Note: the higher the sensitivity on behalf of gravity (G) the more sensitive the sensor, the more likely trigger mandatory photography; Each time the force shooting is triggered, it will shoot three images once.

## H. Play the recorded file

#### Direct playback on machine side

Built-in accelerometer, the system automatically determine the level of the screen visualization, and make the screen self-rotated to normal position.

#### Camcorder mode



Play back file screen

File selecting screen

Multi-files selecting screen

- Press button on remote controller under LIVE recording mode to enter file playback menu.
- Press UP button to adjust before and after clips.
- Press 🕒 button to play file.

★ When in the playback file page, default is as single file mode. However, you can press the ⊇ button to enter into six separate screen page, and then press the i button to select the file you want to play. When you select OK, and then press the ⊇ button to return to a single file for playback page.

## Playback settings - Deleting a single file



- For playback file setting, press button to enter setup page, press button to move to delete one item, then press enter into deleting page.
- Use button moving to the file you want to delete, then press to start deleting.

 $\star$ You must disable the protection function first in order to process the deleting procedures.

## Playback settings- Delete All



- Press button to enter setup page, press button to move to delete all item, then press call enter into deleting all page.
- Use Ibutton moving to you want to delete all files, then press I to start deleting.

 $\star$ You must disable the protection function first in order to process the deleting procedures.

#### Playback file setting-protect



★Caution: When the picture has a lock-shaped icon indicates that the data in protection mode

- Press 🔤 button to enter setup page, press 🔎 button to move to protect item, then press is enter into protect setting page.
- Use Ib button moving to you want to protect file, then press to start protect setting.

#### Camera mode



- Under camera mode, press 📼 button entering into photo playback page.
- Press 💶 button to select the file you want to play.
- Then press **b** button to play.

★When in playback page, press <a>D</a> button to do Clockwise rotation of photo.



#### Photo playback settings-Delete one



- Photo play setting, press 🔤 button entering into setting page. • Press III button moving to delete one item. Then press button to enter delete page.

Press button to select the file you want to delete. Then press button to start deleting.

 $\star$  You must disable the protection function first in order to process the deleting procedures.

#### Photo playback settings-Delete All



- Photo playback settings, press 🔤 button enter setup page.
- Press I button moving to delete all item. Then press button to enter delete all page.
- Press button to confirm delete all files. Then press button to start deleting all files.

 $\star$ You must disable the protection function first in order to process the deleting procedures.

#### Photo playback settings-protect



- Photo playback settings, press 🔤 button enter setup page.
- Press I button to move to protect item, then press enter into protect setting page.
- Use button moving to you want to protect file, then press
   to start protect setting.

 $\star$ Caution: When the picture has a lock-shaped icon indicates that the data in protection mode.

#### Photo playback settings-Autoplay



★ 5 Sec duration per image / click menu to stop.

- Photo playback settings, press button enter setup page.
   Press vertex button to move to auto play item, then press vertex enter into auto play setting page.
- When under Auto Play mode, about every 5 seconds to play the next photo. You can click the stop button to return to photo playback page.

# H. Software Operating Instruction

How to read the file from SD card in the computer side?

- 1 . Remove SD card from card slot of host side
- 2 . Put the SD card to the card reader
- 3 . Connect card reader to the USB port of PC side
- 4 · Choose the file to play: Execute "IBoxPlayer.exe" 2 · which is located in the product <u>CD</u> folder, Screen shown as below. Choose "Open the

document" C, and choose the file of memory card or hard disc and then

click "Play key" to do playback : when using playback. click ext to show the historical routing from Google map.

◎Note: To perform this software, please install Direct X 9.0 or above.

- Latitude and Longitude G-Sensor Speed Meter Play Speed Voice Volume Open File Setting Year. Month. Minute Google Map Save the Playing File Google Map **Date Selected** Hour Snapshoot
- 1. Viewer interface description

2. Operating Interface Description:

1	¥	Return to last file key
2	₹	Forward playback
3	V	Playback key

4	II	Pause key Go to next file key
5		Stop key
6		Play key
7	►	Forward playback
8	▶▶	Rearward playback
9	2	Mark starting point of back up file
10	k	Mark ending point of back up file
11		Backup the marking file
12	<b>/</b>	Open document, select the file to play
13		Backup the current playing file
14	Þ	Snapshoot tool
15	ę	Google map
16	\$	Configuration, Set machine-related settings

- 3. Player Interface Description:
  - <u>Show latitude and longitude position</u>



G-sensor : Impact sensor analyzer, forced saving the accident video before and after 1 to 3 minutes, not covered by other new files, protect the integrity of the incident video.

X: Induct about level of vehicles moving Y: Induct around level of vehicles moving Z: Induct Height fluctuation around level of vehicles moving Driving Speed



Play BAR: Press left button of mouse and move around to pull BAR with fast-moving.



Playback speed fast forward with 2 times or 4 times, and playback with 0.25 times, 0.0625 times



Volume control

$\odot$	
Ŋ.	

4. Select the file to playback

Select " Open the document" , and then choose the file of memory card or hard disc. (The file format is \*.ts)

Organize • New	folder	8	= • 🔳 (
Documents	* Name	Date modified	Туре
J Music	📕 DCIM	2011/5/3 上午 09:18	File folder
Pictures	iii MISC	2011/5/3 上午 09:18	File folder
🐏 Computer 🏯 Local Disk (C:) 👝 Local Disk (D:)	=		
Local Disk (E:)			

5. Save the playing file

Select "Save the playing file" , and then choose the file of memory card or hard disc. (The file format is \*.ts)

另存新檔							? 🛛
儲存於①:	🚞 100MEDIA		~	G	ø 1	<del>ب</del> 📰 🕈	
<ul> <li>         ・成長近的文件         ・         ・         ・</li></ul>	<ul> <li>07051319_000;</li> <li>07051319_000;</li> <li>07051320_000;</li> <li>07051322_000;</li> <li>07051322_000;</li> <li>07051325_000;</li> <li>07051326_000;</li> <li>07051331_001;</li> <li>07051337_001;</li> </ul>	3 4 5 5 7 3 9 9 0					
網路上的芳鄰	檔名(N):	07051319_0002				~	儲存③
	存檔類型(I):	ts Files (*.ts)				~	取消

#### 6. Snapshoot Tool

Play record from SD card first and then use Snapshoot tool to capture the screen. When select Snapshoot tool, it will appear the following window. (The picture of display screen will save in capture storage folder path.)

Organize • 🔛 Preview • Slide s	how Print	Burn	New folder	21.*	01	
r Favorites	1					
Downloads 2011-05- Recent Places 10-35-4						
Documents						
Music E Pictures						
Computer						
Local Disk (C:)						
Local Disk (D)     Local Disk (D)     Local Disk (D)     Local Disk (F)						
MEDGA (L:)						
Wetwork						

## 7. Google Map

Click and then appear the window of Google Map to view the tracking of Vehicle. (This function needs to connect Internet.)



#### 8. Related settings

Software version related information and SD card data storage settings

C	onfig		
	Version	1.0.0.42	
	Snapshot Path	C:\Capture\	Browse
	Language	English (English)	
	UIMode	1280*800 👻	
	Sound Amplification	500 %	
	Unit Of Speed	Km/h 💌	
		ОК	Cancel

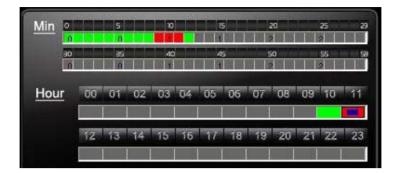
- (a) Storage path of Snapshot: the location to save images in the computer
- (b) Language: select language settings of playback software. (The settings will work after re-open the software)
- (c) The mode of User Interface: Set the display mode of host. (To change the configuration option, it must insert SD card into the Vehicle Video Recorder). It provides 3 different resolutions for selecting: 960x600, 1280x800, 1920x1080.
- (d) Sound Amplification: max. 10 times
- (e) Unit of Speed: Km/h, Mile/h, Knot

#### 9. Playback date selection

1. Selecting by date

<	20	12	*	1	*	
Sun	Mon	Tue	Wen	Thu	Fri	Sat
25	26	27	28	29	30	31
1	2	з	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

Launch the Player, click the "open" to select the file or path of storage. Then on date table with Gray-brown color means having recording footage. 2.Selecting by Hours/Minutes (24-hours)



After select the "Date" with Gray-brown color, on Hour/Minutes table will display Red/Green color.

Green: normal record Red: force record

3. Quick switching by minutes

Min	0	5	0	15	20	25	192
	n	0			2	2	
	30	35	40	45	50	55	9
	0	n i			2	2	

Click the minutes table to change the recording footage immediately.

# I. Formatting Memory Card

When should you need to format the SD card? When you purchase a new SD card, you have to format it in order to use for Vehicle video recorder.

Procedures for new SD card formatted as follows:

1. Insert SD card into the SD slot of Vehicle Video Recorder and then open the menu. Find the format option and then begin to format SD card.



Follow the steps, turn screw to open the cover, insert SD card (Please check SD card position and make sure SD card is unlock),put the cover back and lock it.

- 2. Connect power cable to machine, use remote controller to enter index menu and select format operation.
- 3. After formatting is completed, leave the index menu and back to live screen. Then the SD card formatting is done and ready to use



Setup		Setup		
Mic. ON/OFF	Ŷ	Mic. ON/OFF	Ŷ	
WH Balance	<b>e</b>	WH Balance	<b>A</b>	
Effect		Effect		
Sensor SEN	=	Sensor SEN	=	
Format	iii)			4) 🎟 🗰 🏓 11:06:07 🖳