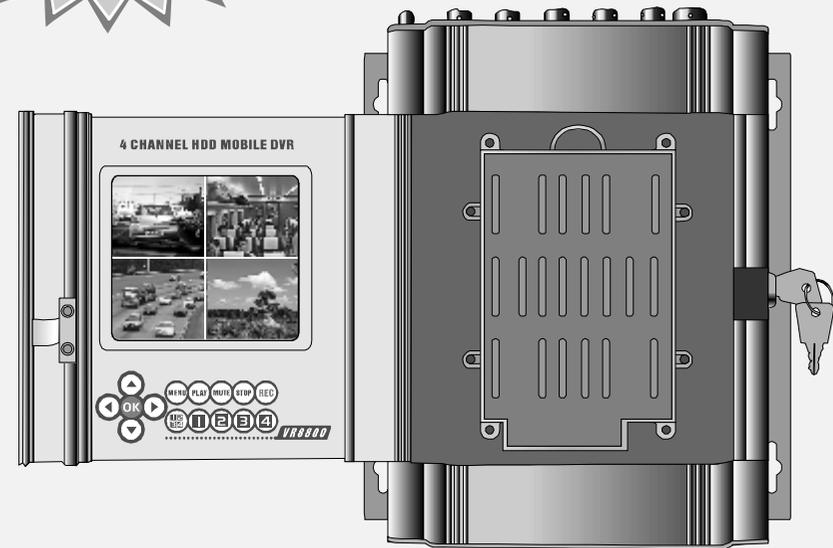


# VR8800

## 4-CHANNEL HDD MOBILE DVR

### User's Manual

1000G



- VR8800N
- VR8800
- VR8800G
- VR8800GP



### GUARANTEE CARD

ITEM:	MODEL:	ITEM NO.:
DATE OF PURCHASE:		
CLIENT NAME:		
CONTACT ADDRESS:		
CONTACT TEL		

### IMPORTANT NOTICE

1. Please fill out the Guarantee Card strictly according to the facts;
2. Only will this Guarantee Card be valid when sealed by our franchisers;
3. We provide 1 year warranty to the product. If product fails to work properly under warranty period, our factory will help repair it free of charge;
4. This limited warranty does not apply to:
  - (1). Damage to a product that is out of warranty;
  - (2). Cosmetic damage, such as scratches, nicks and dents;
  - (3). Damage caused by accident, abuse, misuse, water, flood, fire, or other acts of nature;
  - (4). Damage caused by service performed by anyone who is not an authorized service provider;
  - (5). Damage to a product that has been modified or altered without permission;
  - (6). Damage to a product that has been used in damp, high/low temperature or any other harsh environments;
  - (7). Any other damages that are not caused by our factory.
5. Please keep the Guarantee Card properly. We reserve the right to Refuse warranty in case of no Guarantee Card provided.

The instruction applies to VR8800 series products. Please read it carefully before using the products!

**DIRECTION BEFORE USE**

ATTENTIONS..... 02  
 FUNCTION SUMMARY..... 02  
 APPLICATIONS..... 02  
 PACKING LIST..... 03  
 TECHNICAL PARAMETERS..... 04  
 INTERFACE EXPLANATION..... 05  
 CONNECTING DIAGRAM..... 06  
 WIRING..... 07  
 CONTROL WIRE SKETCH MAP..... 08  
 INDICATOR INSTRUCTIONS..... 09  
 REMOTE OPERATION..... 10  
 HARD DRIVE..... 11

**MENU SETTINGS**

MENU INSTRUCTION..... 12  
 CAMERA SETUP..... 12  
 RECORD SETUP..... 12  
 RECORD FRAME RATE..... 13  
 VIDEO QUALITY..... 13  
 RECORD SCHEDULE..... 13  
 SENSOR SETUP..... 14  
     SENSORED RECORD TIME..... 14  
     ALARM ON TIME..... 14  
     VIDEO LOSS SETUP..... 14  
     H/W SENSOR SETUP..... 14  
     MOTION DETECT SETUP..... 14  
 HARD DRIVE SETUP..... 15  
 MISCELLANEOUS SETUP..... 15  
     CHANGE PASSWORD..... 15  
     SET TIME..... 15  
     AUDIO SETUP..... 16  
     PTZ SETUP..... 17  
     LANGUAGE SETUP..... 17  
     USE PASSWORD LOGIN..... 17  
     GPS TIME ZONE SETUP..... 17  
     VIDEO STANDARD..... 18  
 NETWORK SETUP..... 18  
 ID SETUP..... 19  
 RESET MENU..... 19

**DIRECTION FOR USE**..... 20-22  
**GPRS TRACKING**..... 23-26  
**QUALITY WARRANTY**..... BACK COVER

**ATTENTIONS**

1. Connect all the accessories before power on;
2. Disconnect the power when insert or remove the HDD, for avoiding HDD damaged;
3. Disconnect the power when connect or remove the cameras, for avoiding cameras damaged;
4. Collision will make HDD permanent damage;
5. Please keep away the units away from water or liquid;
6. Do not press buttons simultaneously or operate it abnormally, frequently when the machine is working.

**FUNCTION SUMMARY**

VR8800 series products (VR8800N, VR8800, VR8800G, and VR8800GP) are the next generation, high-performance, 4-Channel D1 mobile DVR. It uses the MPEG-4 video compression technique. The video resolution can be up to 720X576@50FPS (PAL) or 720X480@60FPS (NTSC) (over all 4 channels). It is a real-time, high-definition, low-power-consumption and easy-operation professional vehicle DVR with large memory capacity. The VR8800 series products are compatible with any CCD/CMOS cameras, supports a maximum of 1 2.5" 1000GB SATA HDD. The video clips are stored on the HDD. Users can view them through a TV or a monitor any time, or they can copy the video from the HDD to a computer. The VR8800GP also supports GPS and GPRS, thus making it possible for GPS tracking of vehicles. Because of this new feature, the user is able to know exactly the real-time location, the running route, also the history trace of his (her) vehicle. And this powerful GPS tracking can be easily realized by cell phone, or PC (software).

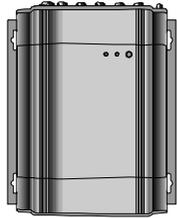
1. Immediately auto record once power on;
2. Support 1000GB SATA HDD;
3. Overwriter when full or stop when full;
4. All files saved in HDD won't be lost when power off;
5. The date/time and ID stamp will be shown on the video;
6. Be compatible with any CCD/CMOS cameras;
7. Can supply power to the camera directly;
8. Embedded CPU and Linux operation system;
9. Data exchange with PC via USB interface;
10. Anti-shake design, for protecting HDD;
11. Password access makes HDD data safe;
12. Options for continuous, real-time record or motion detect;
13. Clear shut down for HDD safe;
14. Support PAL/NTSC TV system;
15. Multi-language operation menu, plug in and play, no need software installation;
16. Online upgrade is available;
17. This model has integrated real-time tracking capabilities, using GPS.
18. The real-time longitude, latitude and car moving speed will be stamped on the video image;
19. With GPRS data transmission function, the real-time position of the vehicles can be tracked by mobile phone or computer.

**APPLICATIONS**

VR8800 series products (VR8800N, VR8800, VR8800G, VR8800GP) are widely used 4-channel HDD mobile DVR, using LINUX embedded systems. Specifically designed for use in a motor vehicle of any kind, but can also be used quite easily for other applications.

## PACKING LIST

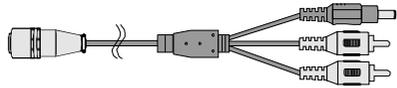
1. One 4-CH DVR Mainframe;



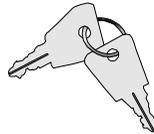
2. One User's Manual;



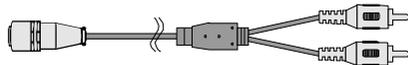
3. AVP Combined Wire(4pcs);



4Keys(2 pcs);



5. AV Output Wire(1pcs);



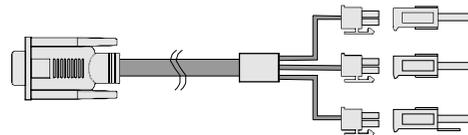
6. One Remote Control;



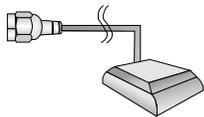
7. One Power Wire;



8. One Combine wire for controlling ;



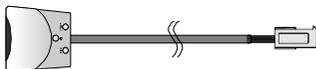
9. One GPS Antenna  
(Not for VR8800N and VR8800);



10. One GPRS Antenna  
(Only for VR8800GP) ;



11. One Control Box;



12. Four Bolt Groups.



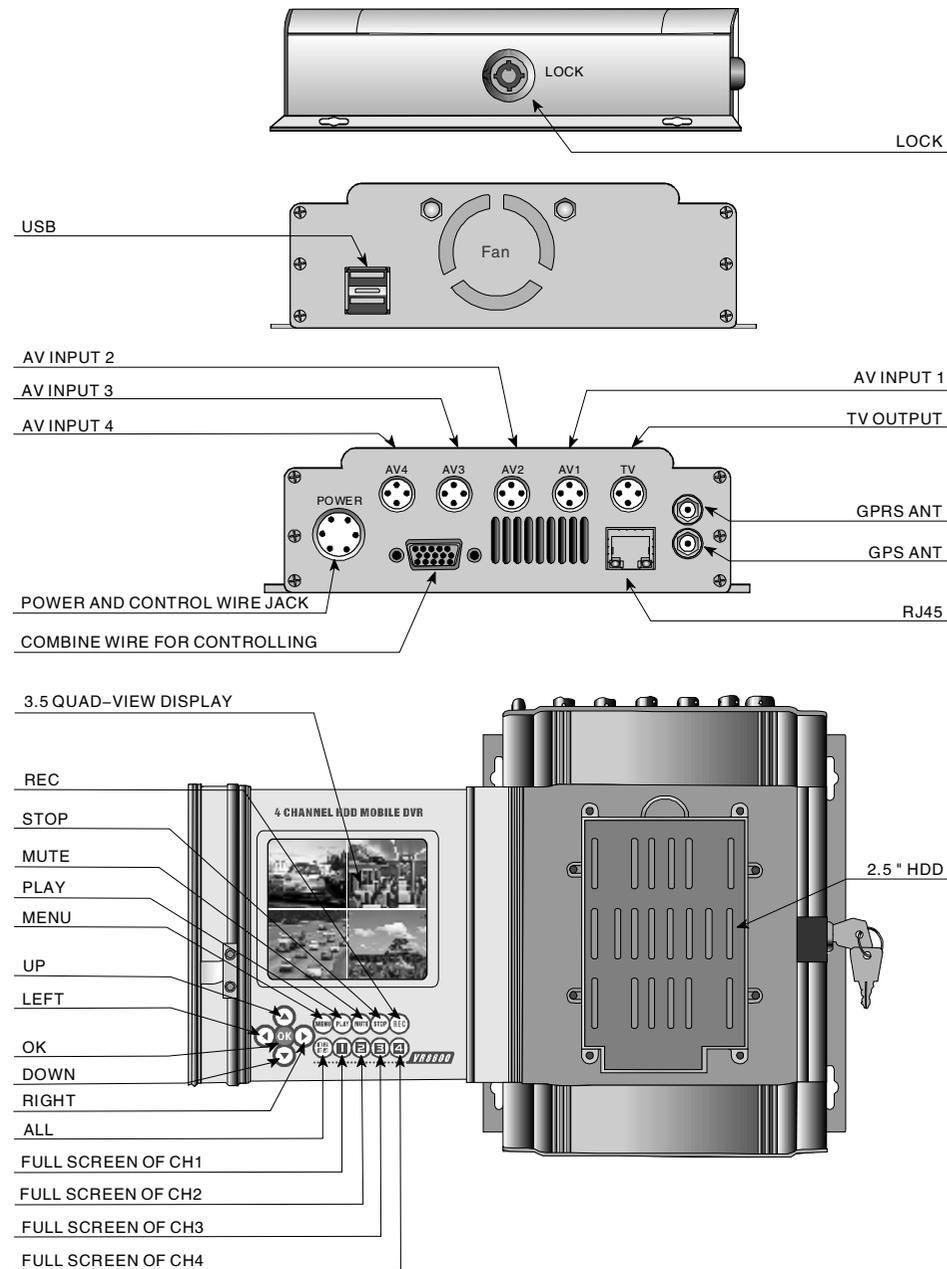
## TECHNICAL PARAMETERS

Model	VR8800N	NO 3.5" TFT display, NO control box, NO GPS, NO GPRS
	VR8800	With 3.5" TFT display, with control box, NO GPS, NO GPRS
	VR8800G	With 3.5" TFT display, with control box, with GPS, NO GPRS
	VR8800GP	With 3.5" TFT display, with control box, with GPS, with GPRS
Working Voltage		DC8V ~ DC36V (must be DC14V ~ DC36V when power camera directly)
Maximum Current	VR8800N	400 ± 20mA ( Main frame )
	VR8800	450 ± 20mA ( Main frame )
	VR8800G	500 ± 20mA ( Main frame )
	VR8800GP	560 ± 20mA ( Main frame )
Working Temperature		-10°C ~ +50°C
Output Voltage(For Camera)		DC12V
Power Supply		Car battery
Maximum Memory Capacity		1000GB SATA HDD
Compression File Format		MPEG2/MPEG4
Record Mode		Boot Record (default), Motion detect, schedule record and manual record
Record Quality		High/Standard/Low
Resolution		D1(PAL 720*576, NTSC 720*480)
Frame Rate		PAL(1~50fps optional), NTSC(1~60fps optional)
Record AV out Signal		4CH Audio+ 2CH Video
File Store Mode		Overwrite when full or stop when full
Internet Interface		One 10M/100M RJ45
Alarm Output		Can connect alarm with audio and light
HDD Interface		One 2.5" SATA HDD interface
Compatible Camera		Common CMOS & CCD
Dimension		180(L)mm*50(W)mm*194(H)mm
Net Weight		2.2KG

### Notes:

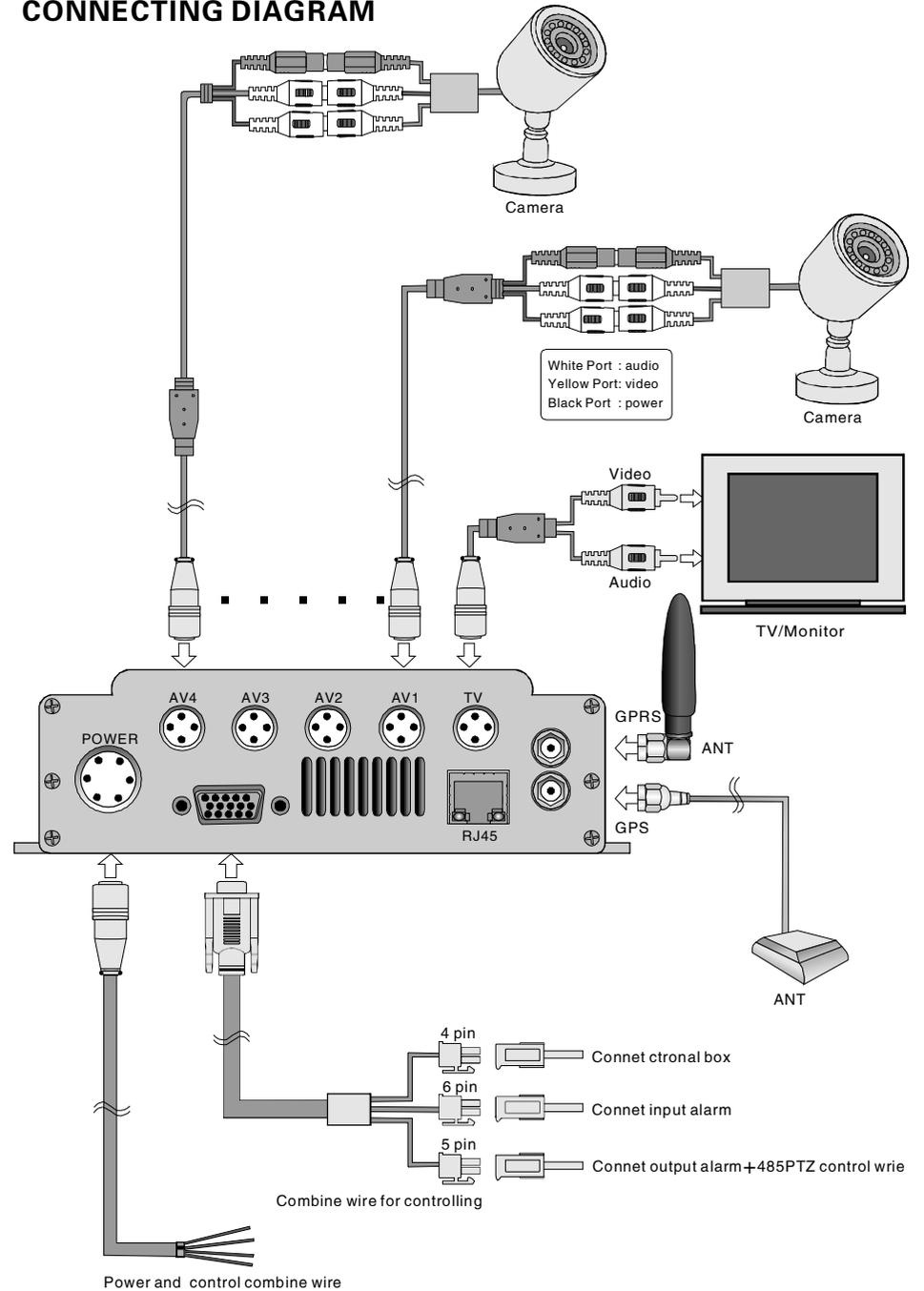
1. In case there is being alteration to the product, pardoning does not notify separately.

**INTERFACE EXPLANATION**



**Note:** The picture is for reference only, please refer to the actual product for appearance.

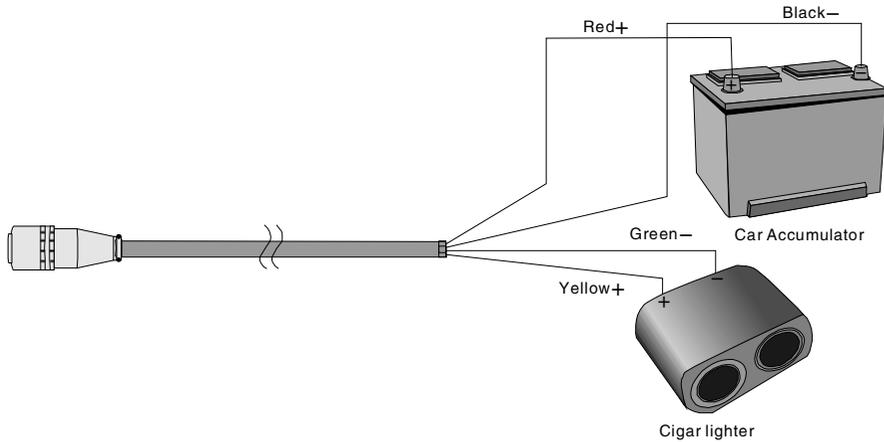
**CONNECTING DIAGRAM**



**WIRING**

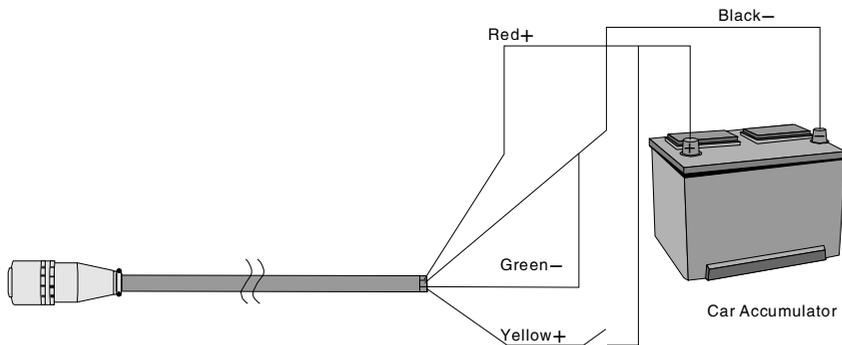
This manual considers the case where the power source is a battery, and corresponding detailed wiring diagrams are shown in the figures below.

1. Wiring for automatic power on/off:



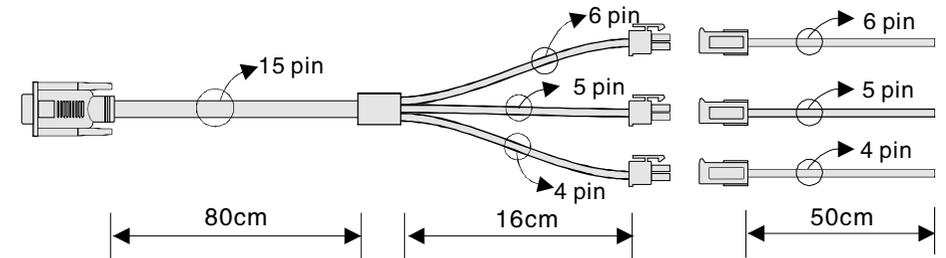
**Attention:** The system will power on automatically and start recording when the car ignited.

2. wiring for manual power on/off:



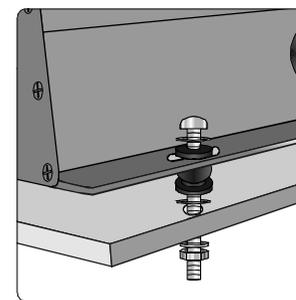
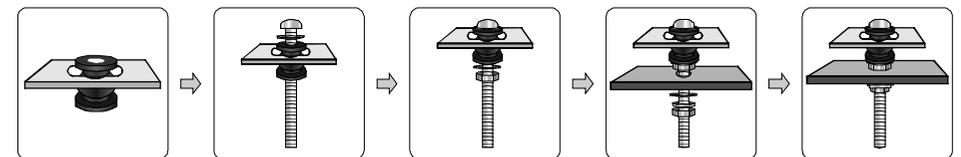
**Attention:** Power on/off the system by turning on/off the switch.

**CONTROL WIRE SKETCH MAP**



	4Core(Control Box)				5 Core (485Port and alarm output)					6Core(Alarm input)					
Colour	Black	White	Red	Green	Black	Brown	Red	Orange	Yellow	Black	Brown	Red	Orange	Yellow	Green
Pin Number	①	②	③	④	①	②	③	④	⑤	①	②	③	④	⑤	⑥
Function	REC-LED	VCC3.3	IR-IN	GND	ALR-out1	ALR-out2	GND	RS485+	RS485-	ALR-in1	ALR-in2	ALR-in3	ALR-in4	ALR-GND	ALR-GND
DB15	7	8	12	11	1	6	13	14	15	2	3	4	5	9	10

**INSTALLATION**



Picture(6)

Step 1: Install the rubber air sac as shown in Picture(1);

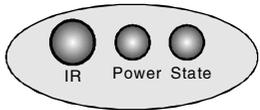
Step 2: Install the nut and gasket in the order, as shown in picture (2) and (3);  
Here, the installation of the first bolt group finished;

Step 3: The installation of the other three bolt groups is the same to the first group, as shown in step 1 and 2;

Step 4: As shown in picture (4) and (5), this is to simulate the situation when the DVR is installed using the bolt mounting groups.

Notes: The order of installation is presented in Picture (6).

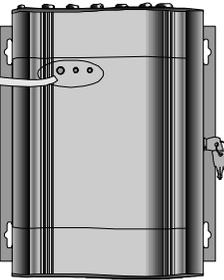
**INDICATOR INSTRUCTIONS**



IR: Remote control IR LED.

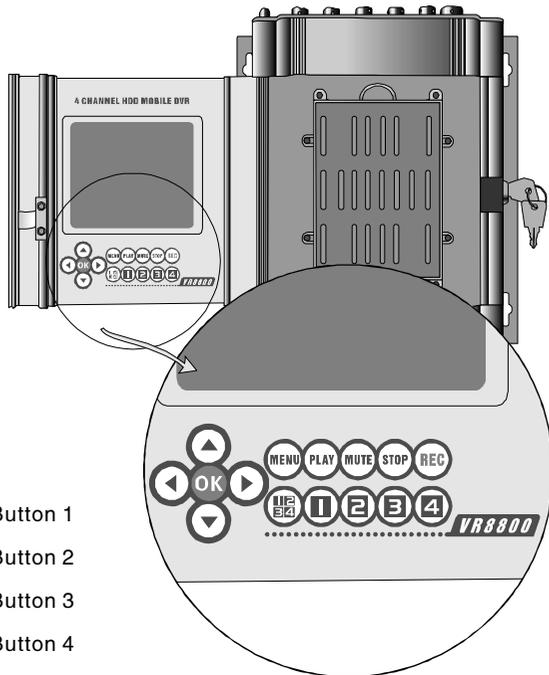
Power Indicator: Flash once power on.

State Indicator: Flash during record, play back and backup data.



**KEY**

- ▲ Up key
- ▼ Down key
- ◀ Left key
- ▶ Right key
- OK Confirm
- MENU Menu key (enter menu or back to previous menu)
- PLAY Play/pause
- MUTE Mute
- STOP Stop key
- REC Record key
- 4CH Quad-view display
- 1 Channel 1 full screen display/Button 1
- 2 Channel 2 full screen display/Button 2
- 3 Channel 3 full screen display/Button 3
- 4 Channel 4 full screen display/Button 4



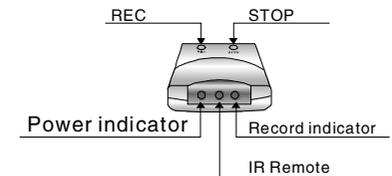
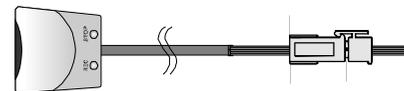
**REMOTE CONTROL**

- REC Record key
- MENU Menu key (enter menu or back to previous menu)
- OK Confirm
- PLAY Play/pause
- STOP Stop key
- ▲ Up key
- ▼ Down key
- ◀ Left key
- ▶ Right key
- ◀◀ Fast rewind
- ▶▶ Fast forward
- 1 Channel 1 full screen display/Button 1
- 2 Channel 2 full screen display/Button 2
- 3 Channel 3 full screen display/Button 3
- 4 Channel 4 full screen display/Button 4
- 5 Button 5
- 6 Button 6
- 4 Quad-view display
- MUTE Mute
- PAUSE Pause
- ZOOM+ No use
- ZOOM- No use



Notices: "5" and "6" are not available. The remote control must be used when entering the numbers 5 and 6 in passwords.

**CONTROL BOX**



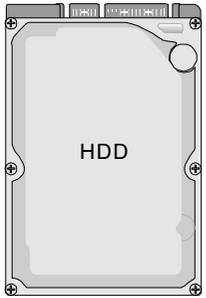
REC Button: Start recording.

STOP Button: Stop recording.

Power indicator: The LED is on (red) when the DVR is power on;

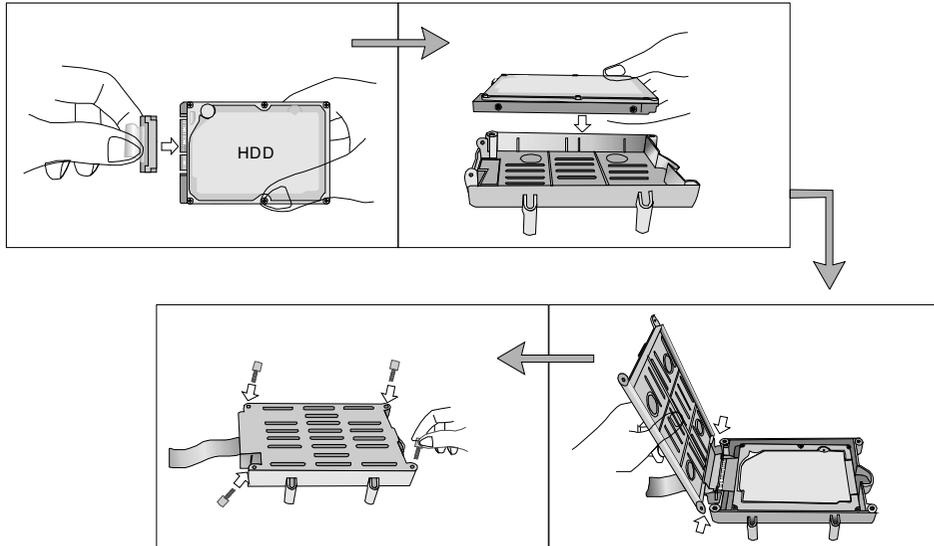
Status indicator: The LED flash (green) when the DVR is recording; The LED is on (green) when the DVR is playing back.

**HARD DRIVE**



- Static or collision may cause permanent damage.  
Please do not hit the HDD or touch the metal part of the HDD.
- Disconnect the power when insert or remove the HDD.
- Do not keep the machine working under shaky or dusty circumstance.

**HARD DRIVE INSTALLTION**

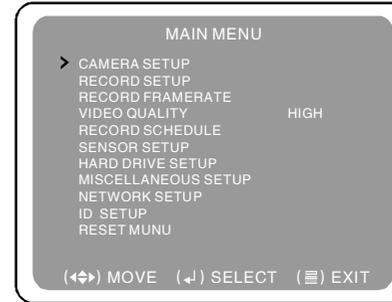


- Unscrew the cover of the hard disk bay with hand and connect the HDD to the flat cable inside;
- Put the HDD in the hard disk bay as shown in the photo;
- Screw the cover again and don't over tighten the screws.

**Notes:** The newly-installed hard drive will be required being formatted. Just press OK button to format, then hard drive can be used.

**MENU INSTRUCTION**

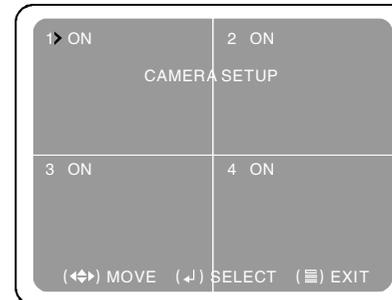
Press "MENU" to enter MAIN MENU. The options listed as shown in the following picture:



- Press "▲" / "▼" to select option;
- Press "OK" to enter;
- Press "MENU" to save settings and exit.

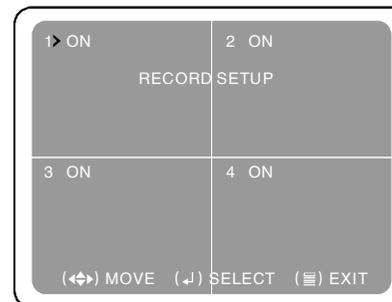
Note:(≡) EXIT=MENU

● **CAMERA SETUP**—Select "CAMERA SETUP" on main memu, Press "OK" to enter the page as shown below:



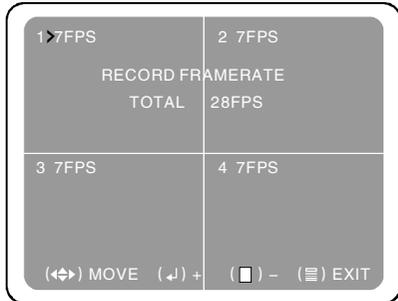
- ON: Turn the cameras on;
- OFF: Turn the cameras off;
- Press "▲"/"▼"/"←"/"→" to select camera;
- Press "OK" to switch between "ON" and "OFF";
- Press "MENU" to save settings and exit.

● **RECORD SETUP**—Select "RECORD SETUP" on main menu, Press "OK" to enter the page as shown below:



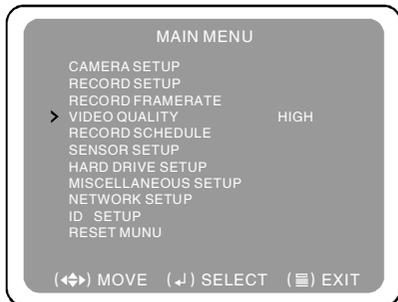
- ON: Turn camera recording on;
- OFF: Turn camera recording off;
- Press "▲"/"▼"/"←"/"→" to select camera;
- Press "OK" to switch between "ON" and "OFF";
- Press "MENU" to save settings and exit.

● **RECORD FRAMERATE**---Select"RECORD FRAMERATE" on main menu, press"OK" the screen will appear as shown below.



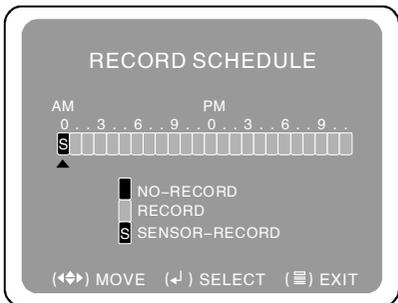
- Frame options for each channel:  
PAL: 1, 2, 3, 4, 5, 6(default), 7, 9, 1, 16, 25 (total 50 fps)  
NTSC: 1, 2, 3, 4, 5, 6, 8(default), 10, 15, 20, 30 (total 60 fps);
- press "▲"/"▼"/"◀"/"▶" to select channel;
- Press "OK" to confirm the FPS(1-30FPS);
- Press "MENU" to save setting and exit to main menu.

● **VIDEO QUALITY SETUP**---Select"VIDEO QUALITY SETUP", press"OK" enter into submenu as below:



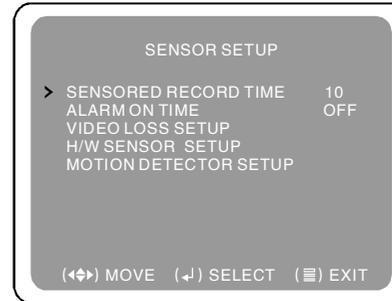
- There are three options: HIGH/NORMAL/LOW; Press "OK" to select the quality level you need;
- Press "MENU" to save settings and exit.

● **RECORD SCHEDULE**---Select"RECORD SCHEDULE" on main menu,press"OK"the screen will appear as shown below.



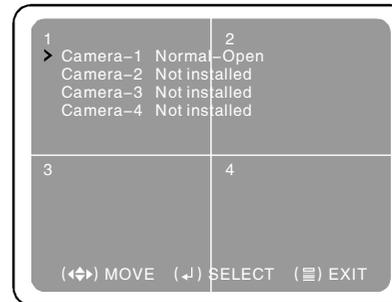
- Press"▲"/"▼" to select time slot (0:00-23:00 available).
- Press "OK" to change record mode.
- **NO-RECORD**
- **RECORD**
- **SENSOR-RECORD**
- Press "MENU" to save setting and exit.

● **SENSOR SETUP**---Select"SENSOR SETUP" on main menu, press"OK"the screen will appear as shown below:

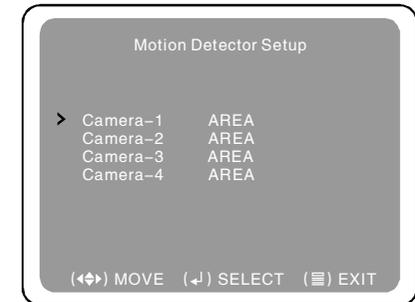


- Press"▲"/"▼" to select, press"OK"to setup.

- "SENSORED RECORD TIME": 5s,10s,15s,20s,25s and 30s are optional, press"OK" to select;
- "ALARM ON TIME": On,Off,5s, 10s,15s, 20s, 25s and 30s are optional, press"OK" to select;
- "VIDEO LOSS SETUP": On and Off are optional, press"OK" to select;
- "H/W SENSOR SETUP": Press"OK", the screen will appear as shown in picture (1);
- "Not Installed", "Normal-Open"and"Normal-Close" are optional, press"OK" to select.

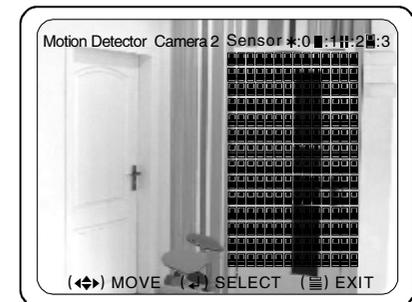


(1)



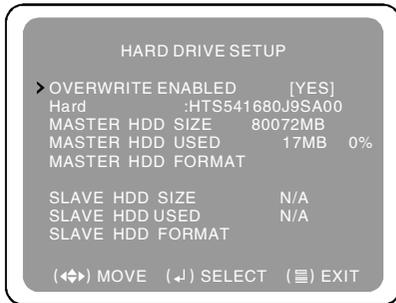
(2)

- "MOTION DETECTOR SETUP" : press"OK", the screen will appear as shown in picture (2) ;
- Press"▲"/"▼"/"◀"/"▶" to select the AREA. Press"OK", the screen will appear as shown in picture(3);
- Different shape represents different sensitivity.
  - \*:0 Disable. ■:1 Weak
  - :2 Normal . ■:3 Very sensitive
- press"▲"/"▼"/"◀"/"▶" to select area;
- Press stop to modify sensitivity;
- Press" MENU" to save setting and exit.



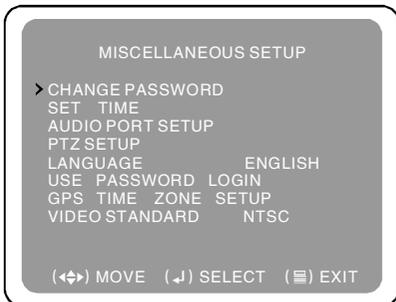
(3)

● **HARD DRIVE SETUP**—Select "HARD DRIVE SETUP" on main menu, the screen will appear as shown below :



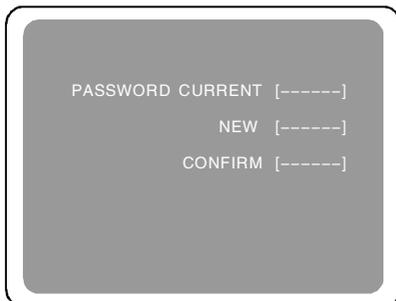
- Press "▲"/"▼" to select;
- Select "OVERWRITE ENABLED", press OK to switch between:  
[YES]: Overwrite enabled;  
and  
[NO]: Stop when full
- For HDD format, the password is requested (default password:111111);
- Press "MENU" to save setting and exit.

● **MISCELLANEOUS SETUP** --Select "MISCELLANEOUS SETUP" on main menu, press "OK", the screen will appear as shown below:



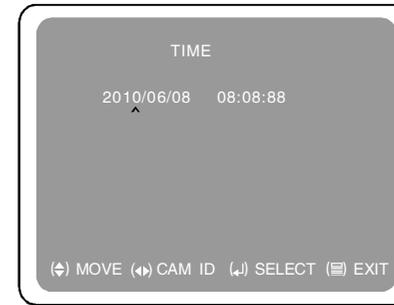
- Press "▲"/"▼" to select correspond submenu;
- Press "MENU" to save setting and exit.

● **CHANGE PASSWORD**—Select "CHANGE PASSWORD", press "OK" the screen will appear as shown below:



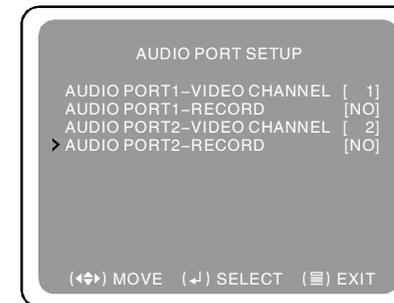
- **CHANGE PASSWORD:** The original password is 111111. Input the old password, then input new password twice;
- Press "MENU" to save setting and exit.

● **SET TIME**—Select "SET TIME", press "OK" the screen will appear, as shown below:

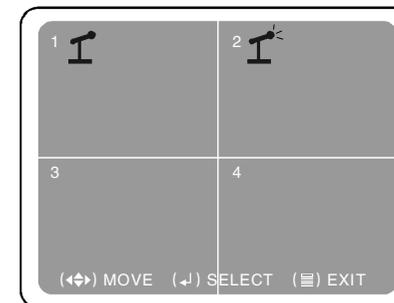


- **SET TIME:** Press "▲"/"▼" to select , press "OK" to change;
- Press "MENU" to save setting and exit.

● **AUDIO PORT SETUP**—Select "AUDIO PORT SETUP", press "OK" the screen will appear, as shown below:  
This manual considers the setup to the channel 1, the details are shown below:



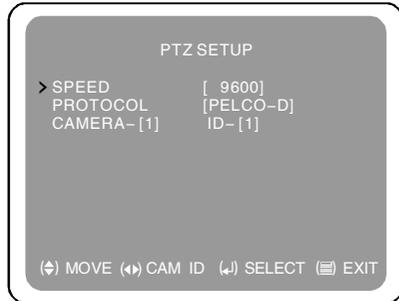
- Press "▲"/"▼" to select Audio Port 1-Record,
- Press "OK" to switch between:  
"YES" : Audio Port 1- Record is on;  
and  
"NO" : Audio Port 1- Record is off;
- Press "MENU" to save setting and exit.



- "I" indicate audio. "I" indicate mute.
- Press "◀"/"▶" to select camera . Press "MUTE" or "⊞" to switch between "I" and "I".
- The same operation can be made to the channel 2.

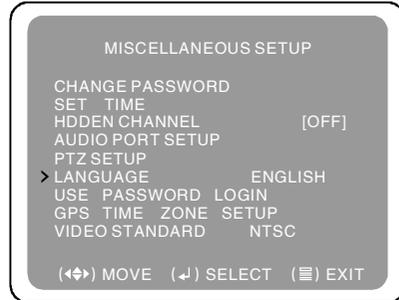
**Notes:** This unit only has one channel audio in( Either channel 1 or channel 2).

**PTZ SETUP**—Select "PTZ SETUP", press "OK" the screen will appear, as shown below:



- Press "▲"/"▼" to select;
- Press "OK" to change value;
- ID means the ID of corresponding PTZ ;
- Press "MENU" to save setting and exit.

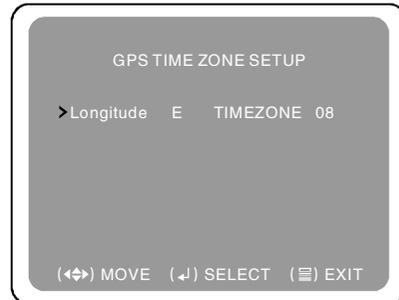
**LANGUAGE SETUP**—Select "LANGUAGE SETUP", press "OK" the screen will appear, as shown below:



- Press "OK" to switch between Chinese and English;
- Press "Menu" to save setting and exit.

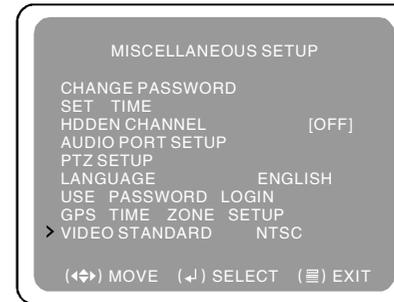
**USE PASSWORD LOGIN**—Select "USE PASSWORD LOGIN", press "OK" to switch between "ON" and "OFF".

**GPS TIME ZONE SETUP**—Select "GPS TIME ZONE SETUP", press "OK" the screen will appear, as shown below:



- Press "OK" to switch between E (east) and W (west), Press "◀"/"▶" to select time zone;
- Press "OK" to change time zone (0~12adjustable). For example to set east 8 zone. Press "OK" to select "E", press "◀"/"▶" to select time zone. Press "OK" to change time zone to be "8";
- Press "MENU" to save setting and exit.

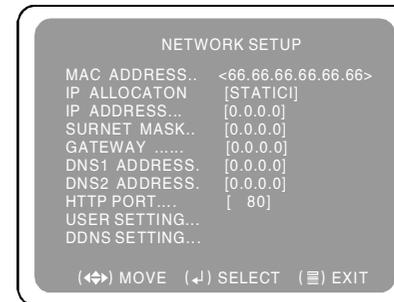
**VIDEO STANDARD**—Press "OK" to switch between PAL and NTSC then the system will be back to preview mode automatically.



**Note:**

1. This setup comes into effect immediately. It is not necessary to restart the system.
2. Make sure the four cameras are the same TV standard when they are used together.
3. Make sure the DVR is set to the same standard as the cameras. Failure to do so will result in no picture being recorded.

**NETWORK SETUP**—User can remote monitor DVR after network setup done. Select NETWORK SETUP on main menu, press "OK" to enter submenu as shown below:



- MAC: DVR's ID on internet, user can set MAC at will. The system will assign MAC address automatically ;
- IP options:
  - DHCP: the system gains necessary network info(default)
  - STATIC: request user input necessary Network info;
- USER SETTING
  - Adminster: can remote view and control system.(default ID:ADMIN, Password: ADMIN)
  - Guest(User): can only remote view video.(default ID:NULL, Password: NULL)
- Restart DVR after all settings done to save settings.

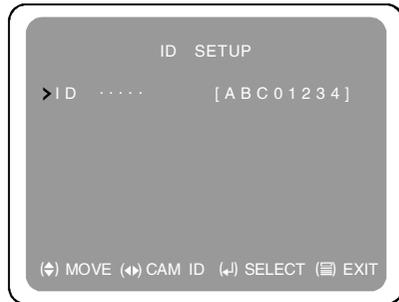


Picture (4)

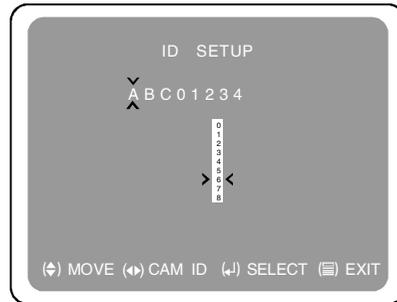


Picture (5)

● **ID SETUP**— Select "ID SETUP", PRESS "OK" the page will be shown on the screen as shown in picture (6). Again press "OK" the screen will appear as shown in picture (7).



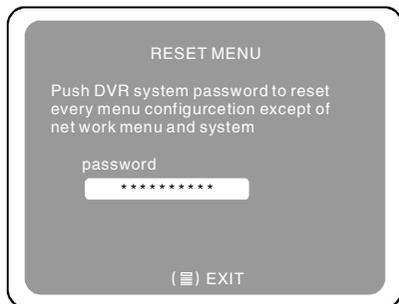
picture (6)



picture (7)

- On picture (7), press "◀"/"▶" to select the position. The position press "▲"/"▼" to set value.
- Press "MENU" to save setting and exit.

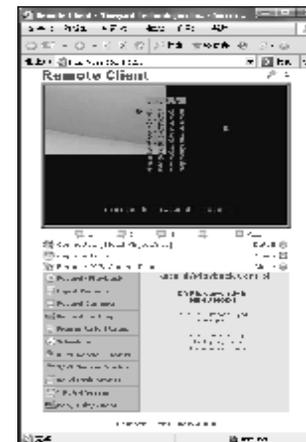
● **RESET MENU**— Select "RESET MENU", PRESS "OK" the screen will appear as shown below:



- Enter the password then reset the system settings, press "MENU" to see settings and be back to Main Menu.

## DIRECTION FOR USE

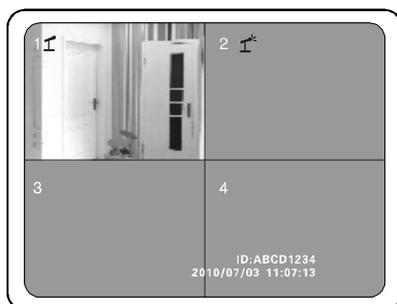
1. Connect all necessary parts then power on;
2. Turn on : For automatic power on. The DVR will turn on automatically when the car is ignited. Otherwise, we need to switch on the unit by hand.
3. REC: 1. Start recording when power on ; 2. Press REC to record in preview mode, and press "STOP" to stop recording.
4. Playback: In preview mode (not recording), press "PLAY" to playback the latest video file; In playback state, press "MENU" for video file list, press "◀"/"▶" to select the video file, and press "PLAY" to playback, press "MENU" to back to previous menu.
5. PTZ Setup: In preview or recording state (full screen), press "OK" to enter into submenu, again press "OK" button can widen/narrow view angle; press "◀"/"▶" can make the camera sway to left or right, Press "▲"/"▼" to up or down, press any key to stop PTZ control, press "MENU" to exit.
6. In preview or recording state, the GPS data appears on the top left corner; GPS data consists of longitude, latitude, radial velocity.
7. Remote Network monitoring.  
The three pictures of Remote Network monitoring are shown as follow: Conneted State, Capture Tool, Remote DVR Control Panel.



## 8. Motion detect setup:

As an example, let's take the door in channel 1 during 9am to 12am:

- (1). On main menu, select RECORD SCHEDULE, press OK to enter submenu, set 9am~12am Record mode to be Sensor Record, then press MENU back to Main menu;
- (2). On main menu, select SENSOR SETUP, press OK to enter submenu, set SENSORED RECORD TIME, ALARM ON TIME at will, and open Channel 1 on H/W SENSOR SETUP page, open Channel 1 on MOTION DETECT SETUP page and set the door Area's sensitivity in Channel 1 to be 3;
- (3). Press Menu back to preview mode;
- (4). Press REC key to final confirm motion detect on function;
- (5). Motion detect setup done;
- (6). Set other channels in the same way or in the same time.



**Notes:** Kindly check P13 –14 for more detailed information when necessary.

## 9. Operation after connecting computer:

- (1). Copy the PCView\_ex1082(1).exe to the local PC;
- (2). Turn on the DVR;
- (3). Connect the DVR with PC via USB cable;
- (4). Run PCView\_ex1082(1).exe;
- (5). After connecting successfully, 4 channels will playback their latest videos automatically;

### Operation



Picture (8)

## Software Icons

- |                              |                            |
|------------------------------|----------------------------|
| Back up                      | Play                       |
| Playback                     | Fast forward               |
| Open the Browse Folders      | Jump to next video clips   |
| Jump back to last video clip | Play frame by frame rewind |
| Fast rewind                  | Play frame by frame        |
| Reverse playback             | Stream Capture             |
| Pause                        | BMP Capture                |



Picture (9)



Picture (10)

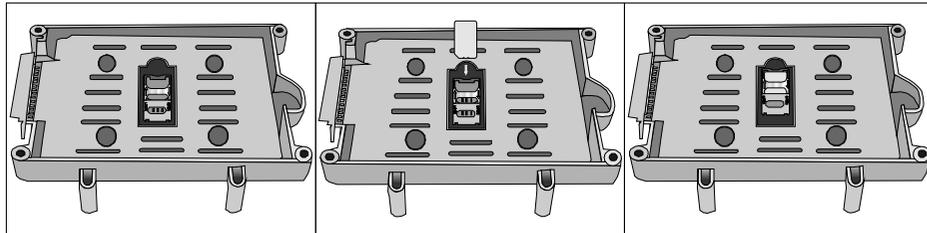
## (1). Backup

- ①. Click "" Backup configuration Message box will pop up, the screen will be shown as picture (9);
  - ②. Set up the backup start and backup ends;
  - ③. Select the folder from the pc where you would like to save the backup;
  - ④. You can rename the filename, the backup files will be in .MCG format;
  - ⑤. During backup, the progress Dialog will be shown as picture (10), you can click "cancel" to exit backup;
  - ⑥. The "backup done" message box will popup when backup done;
  - ⑦. Safely disconnect DVR from the PC;
  - ⑧. Click "" on left bottom of the Pviewer-ex1082(1).exe window to choose and playback files;
- (2). Playback : click "" or "" for the file list, then choose file and playback;
- (3). BMP Capture: click "" will capture picture in BMP format;
- (4). Stream Capture: click "" to capture video stream;
- (5). Delete: no access to delete any single file on hard disk.

## GPRS TRACKING(Only for VR8800GP)

### 1.Install the SIM card

In order to do GPS tracking with VR8800GP, you need to install a SIM card in VR8800GP. Please refer to the following pictures;



**Note:**

- (1). Install the SIM card correctly referring to the pictures above;
- (2). Make sure the SIM card supports GPRS function, and is in active condition.

### 2. GPS Tracking by Cell Phone

Cell phone tracking is easy. Just make sure there is a SIM card installed in VR8800GP, and then call the SIM card number. Whenever you call the number,VR8800GP will reply you a message with the real-time GPS information of the vehicle, including latitude, longitude, and moving speed, so that you can learn exactly where the vehicle is and what place it is heading for. See following picture for reference;

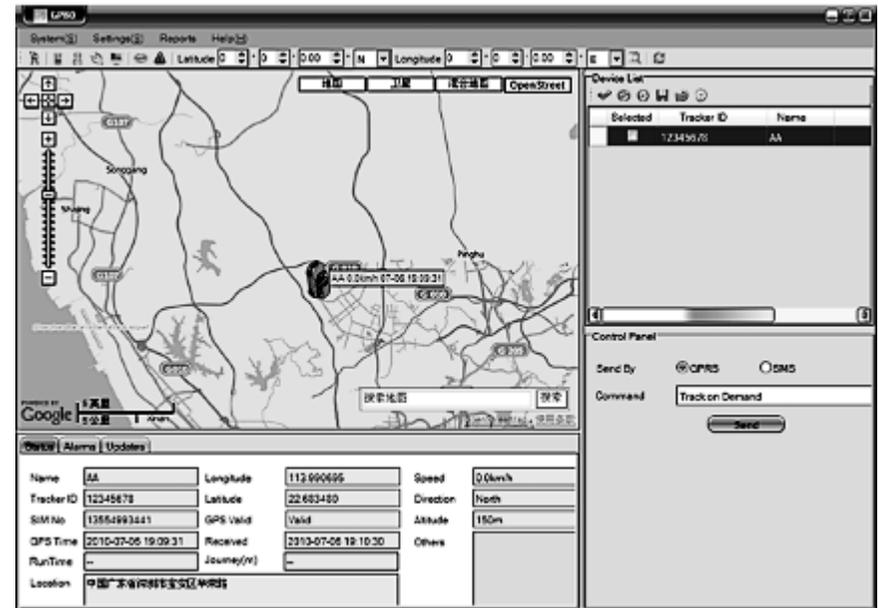


### 3. GPS Tracking by PC

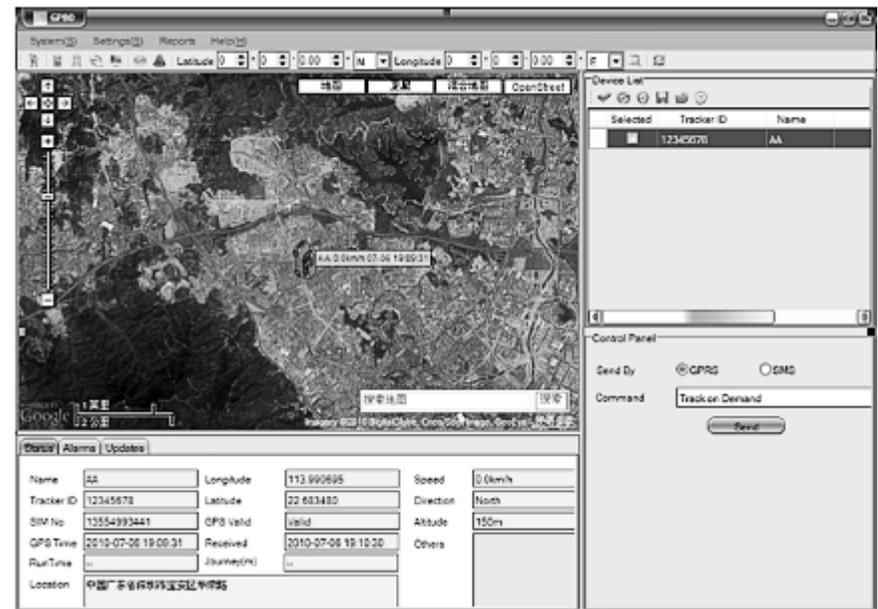
To do this, you need to buy a software called GP80 from us and use it with VR8800GP. This software can be used in Windows 98, Windows 2000, Windows XP and other operating systems and will be able to draw on the Map (you can select satellite map, Open Street map or other kinds of map) the real-time location, the running route, and also the history trace of the vehicle. With the help of the software, the administrator can easily know where the vehicle is, what place it is heading for, and also where it has been. Please refer to the User's Manual of GP80 for more details.

## 3.1 GP80 software Interface

### 3.1.1 GP80 Interface (Open Street Map)



### 3.1.2 GP80 Interface (Satellite Map)

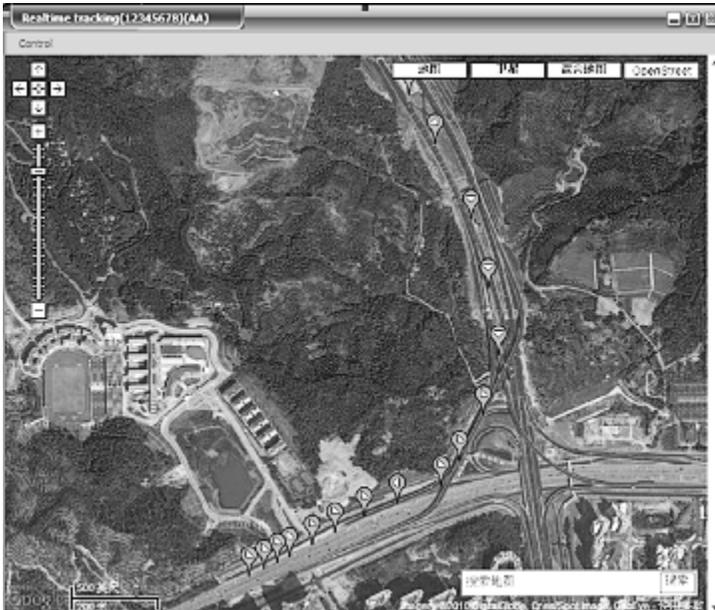


## 3.2 Real-time Tracking

### 3.2.1 Real-time Tracking (Open Street)

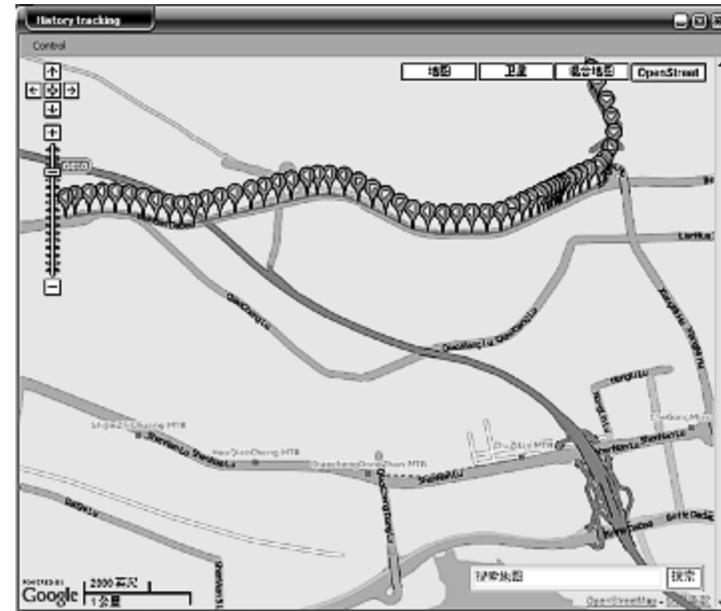


### 3.2.2 Real-time Tracking (Satellite)



## 3.3 History Tracking

### 3.3.1 History Tracking (Open Street)



### 3.3.2 History Tracking (Satellite)

