



# Contents

<b>1. Connect the cable HDD card antenna:</b> .....	<b>3</b>
1.1. HARD DRIVE INSTALLATION .....	3
1.2. SD CARD INSTALLATION.....	3
1.3. SIM CARD INSTALLATION.....	3
1.4. ANTENNA INSTALLATION .....	3
1.5. POWER CABLE CONNECT .....	4
1.6. AV CABLE CONNECT.....	4
<b>2. Login the MDVR:</b> .....	<b>5</b>
<b>3. Set the time for the MDVR:</b> .....	<b>5</b>
<b>4. Write the plate number for the MDVR:</b> .....	<b>5</b>
<b>5. Search the camera and monitor the camera :</b> .....	<b>6</b>
<b>6. Format the disk &amp; make the MDVR record start:</b> .....	<b>6</b>
<b>7. Plack back video on IE one channal by one channal:</b> .....	<b>8</b>
<b>8. Play back video on PC (4CH or 8CH in the same time):</b> .....	<b>8</b>
<b>9. Connect the ANTENNA and the SIM card:</b> .....	<b>9</b>
<b>10. Set the server platform:</b> .....	<b>9</b>
<b>11. Make 3G online:</b> .....	<b>10</b>
<b>12. Make WIFI online:</b> .....	<b>10</b>
<b>13. Loggin the PC client software :</b> .....	<b>11</b>
<b>14. Loggin the mobile phone APP:</b> .....	<b>11</b>

## 1. Connect the cable HDD card antenna:

### 1.1. Hard Drive Installation

#### **Hard drive installation steps:**

Step 1. **Unlock the hard drive and remove the hard drive enclosure**

Step 2. **Remove the bolts and remove the bolts on the bottom of the hard drive enclosure and the bolt on the back side of the enclosure**

Step 3. **Install the shock pads.**

Install the shock pads on both sides according to the installation diagram of the hard drive. The hard drive is not fixed by bolts and will depend on the rubber shock absorbing covers and shock pads on both sides.

Step 4. **Install the rubber shock absorbing covers**

Mount the rubber shock absorbing covers on both sides of the SATA hard drive, with the side of the cover with the lug close to the PCB. Connect power cable smoothly. Ensure reliable installation of cable interfaces of different components.

Step 5. **Close the enclosure and fasten the screws**

Note: Please note that the bolts on the sides cannot be mixed with that on the bottom and ensure tightness of all bolts; always remember to lock the hard drive after installation, otherwise, the device may not be started.

### 1.2. SD Card Installation

Open the lock with the key, and open the card case, then appears the SD card slot.,then insert the SD card into the SD card slot.

(pay attention to the front and back sides of the SD card when inserting it, after inserted, the SD card should have a notch at the upper right corner).

### 1.3. SIM Card Installation

Open the lock with the key, and open the card case, then appears the SIM card slot.,then insert the SIM card into the SIM card slot.

(pay attention to the front and back sides of the SIM card when inserting it, after inserted, the SIM card should have a notch at the upper right corner).

### 1.4. Antenna Installation

Interfaces for Wi-Fi and 3G antennas are equipped on the panel of the device for connection of corresponding antennas.

## 1.5. power Cable Connect

The figure below shows the power cable, and the red wire and the black wire are directly connected to the battery jar of the vehicle. The red wire is connected to the positive pole, and the black to the negative pole. The yellow wire is connected to the ignition wire when the on/off mode is set to ignition mode. The device will be automatically turned on once the vehicle key switch is turned on and automatically turned off when the vehicle key switch is turned off. The yellow wire is connected to the position for the vehicle key to turn on all dashboard lights (the one before the position to start the motor).

Note: 1) Before connection, confirm the voltage of the battery jar between  $12\text{V}$ — $24\text{V}$ , or the device may be burnt;

2) After the connection, pay attention to the insulation between power cables to prevent short circuit of the power supply that may burn the battery jar.

3) The yellow wire must be connected to the ignition wire, otherwise, the device will not support ignition mode.

4) Note: the mobile device must be directly connected to the positive and negative poles of the battery jar without any earth, which may generate negative pulse and disturb normal operation of the device. Power cables for the positive and negative poles must have the diameter of above  $\Phi 1.5$ .



Power cable

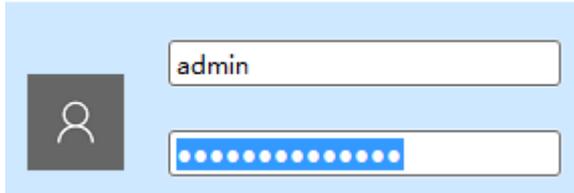
The figure above shows the actual power cable

Circuit Color	Name	Description
Black	BAT-	Black wire for grounding
Red	BAT+	Red wire for power supply
Yellow	ACC	Yellow wire for ACC

## 1.6. AV Cable Connect

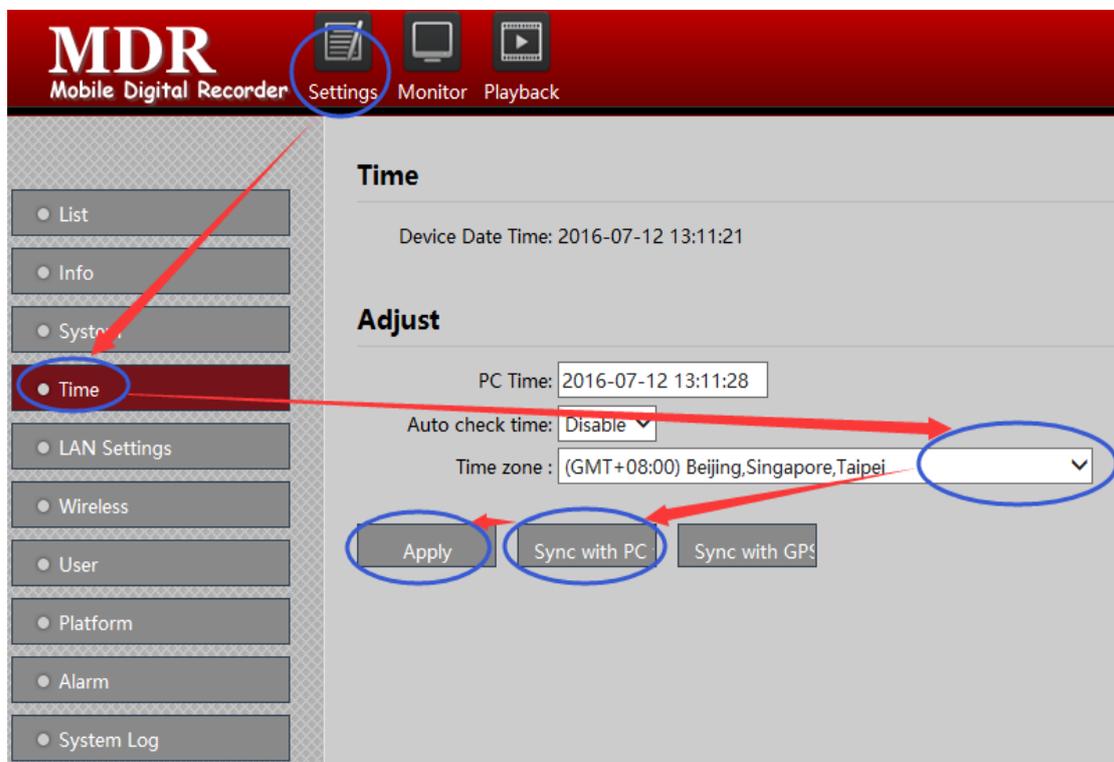
## 2. Login the MDVR:

Power on the MDVR, connect the DVR to PC by the net cable, make sure the RJ45's LED lamp is twinkling (There is a net port on front of DVR). Open IE, input the DVR IP address **192.168.1.254**, input user name and Password, both default are **admin**



A login form with a light blue background. On the left is a grey square icon of a person. To its right is a text input field containing the word "admin". Below that is a password input field with ten blue dots representing masked characters.

## 3. Set the time for the MDVR:



The screenshot shows the MDVR web interface. The top navigation bar is red with the "MDR Mobile Digital Recorder" logo and icons for "Settings", "Monitor", and "Playback". The "Settings" icon is circled in blue. On the left sidebar, the "Time" option is selected and circled in blue. The main content area is titled "Time" and shows "Device Date Time: 2016-07-12 13:11:21". Under the "Adjust" section, "PC Time" is 2016-07-12 13:11:28, "Auto check time" is set to "Disable", and "Time zone" is set to "(GMT+08:00) Beijing, Singapore, Taipei", which is circled in blue. At the bottom, the "Apply" button is circled in blue, along with "Sync with PC" and "Sync with GPS" buttons. Red arrows point from the "Time" menu item to the "Time zone" dropdown and the "Apply" button.

You can also choose Sync with GPS, if you have connect the GPS ANTENNA, and have seen the GPS LED is power on.

## 4. Write the plate number for the MDVR:



The screenshot shows the "Settings" menu with "List" selected. Below it is a "Plate number" input field containing the text "粤B315". To the right of the input field is a close button (X) and an "Apply" button circled in blue.

## 5. Search the camera and monitor the camera :

List →  ,will search HD camera and setup

	Channel	IP address	Port	Protocol
<input checked="" type="checkbox"/>	Auto ▾	192.168.1.10	34567	XM
<input checked="" type="checkbox"/>	Auto ▾	192.168.1.17	80	XM

→in  List , click  to check if the HD camera show  ,if not , maybe

to change IP address

Channel	IP address:Port-Channel	Protocol	Status	Record	Record Setting	Operation
1	192.168.1.11:80-C1-S0	HAICH	Online		Plan Alarm	Settings Edit

→If all camera show online, click  , the screen show

Equipment list	
192.168.1.6	
192.168.1.2	

on left-up corner, click one by one , then all camera picture will show . (Note: (1). When enter MDVR first time , PC will remind user to download the plug software ,please download the plug-in and install the plug. After the download is complete, choose the language to install the plug, such as anti-virus software installed on your computer, it may prompt you to select allowed to run, and authorized for the safety program. (2). If you can't install this plug sucessfully,please use our view tool "[MDRView\\_V1.0.2.6](#)" to monitor real time ,you can find it in our CD,user name and Password are both **admin** )

## 6. Format the disk & make the MDVR record start:

System

↓

### Disk management

	No.	Total (M)	Free (M)	Status	
<input checked="" type="checkbox"/>	0	953634	856291	no format	Format

Apply Refresh

Should wait for a moment,then refresh the IE to login again

↓

### List

HAICH Search XM Search Refresh

Channel	IP address:Port-Channel	Protocol	Status	Record	Record Setting	Operation
1	192.168.1.11:80-C1-S0	HAICH	Online	Record	Plan Alarm	Settings Edit
2	192.168.1.10:34567-C1-S0	XM	Online	Record	Plan Alarm	Settings Edit
3	192.168.1.17:80-C1-S0	XM	Online	Record	Plan Alarm	Settings Edit
4	192.168.1.13:80-C1-S0	HAICH	Online	Record	Plan Alarm	Settings Edit

Make sure the camera is on record status,if no,please click the PLAN

To edit the record schedule :

Channel	IP address:Port-Channel	Protocol	Status	Record	Record Setting	Operation
1	192.168.1.11:80-C1-S0	HAICH	Online	<input type="checkbox"/>	Plan Alarm	Settings Edit

### Schedule

Plan 1 Enable

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sunday																								
Monday																								
Tuesday																								
Wednesday																								
Thursday																								
Friday																								
Saturday																								

Day Sunday Start 0 End 23 Setup

Select List Weekend Workday Clear List Copy to All Copy

Apply Refresh Back

**7. Plack back video on IE one channel by one channel:**



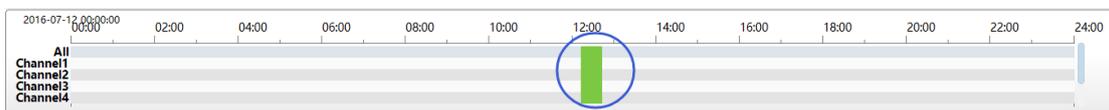
**8. Play back video on PC (4CH or 8CH in the same time):**

Install   → insert the HDD or the SD card withing the PC (note:

use our special USB cable to connect the HDD with the PC ) → selet the

folder to search out the video:  →  → the progress

bar will show video green bar



→ double click the green bar to play. (Note: very channel here show a little difference, because of the 1080P camera's high Clarity, more high profile for the computer, better show for playback)

## Following steps fit for the network function model:

### 9. Connect the ANTENNA and the SIM card:

Make sure the MDVR is power off, connect the 3G GPS WIFI antenna, insert the 3G SIM card into the SIM slot;

### 10. Set the server platform:

**Platform**

Enable:  On  Off

DeviceID: 10000

Phone No.: 18665000000

Port: 6608

Server: 120.24.242.82

Note: Modify the settings, reboot the device

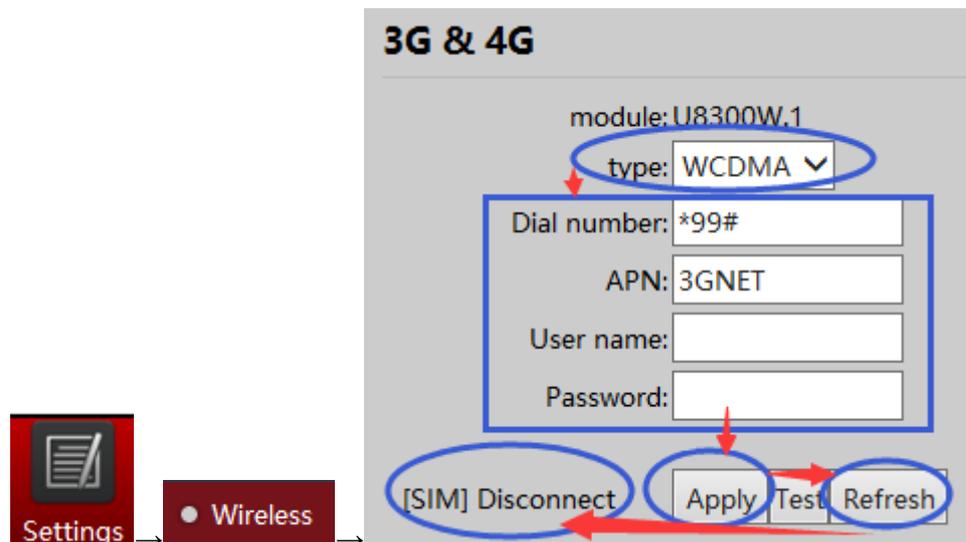
Apply Refresh

Settings → Platform

Note: 1. Before setting platform, make sure the server has created, the device ID and the user information has set ok in the server;

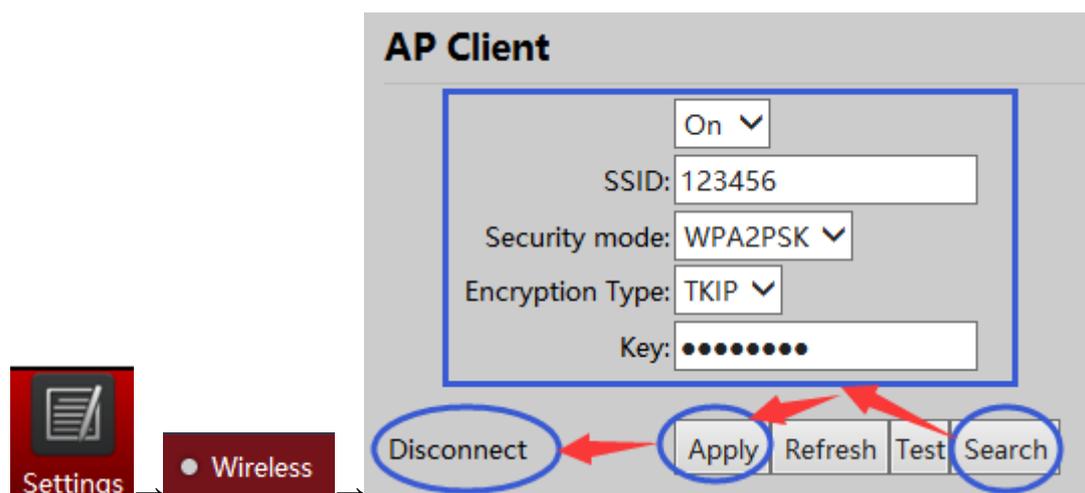
2. Modify the settings, reboot the device.

## 11. Make 3G online:



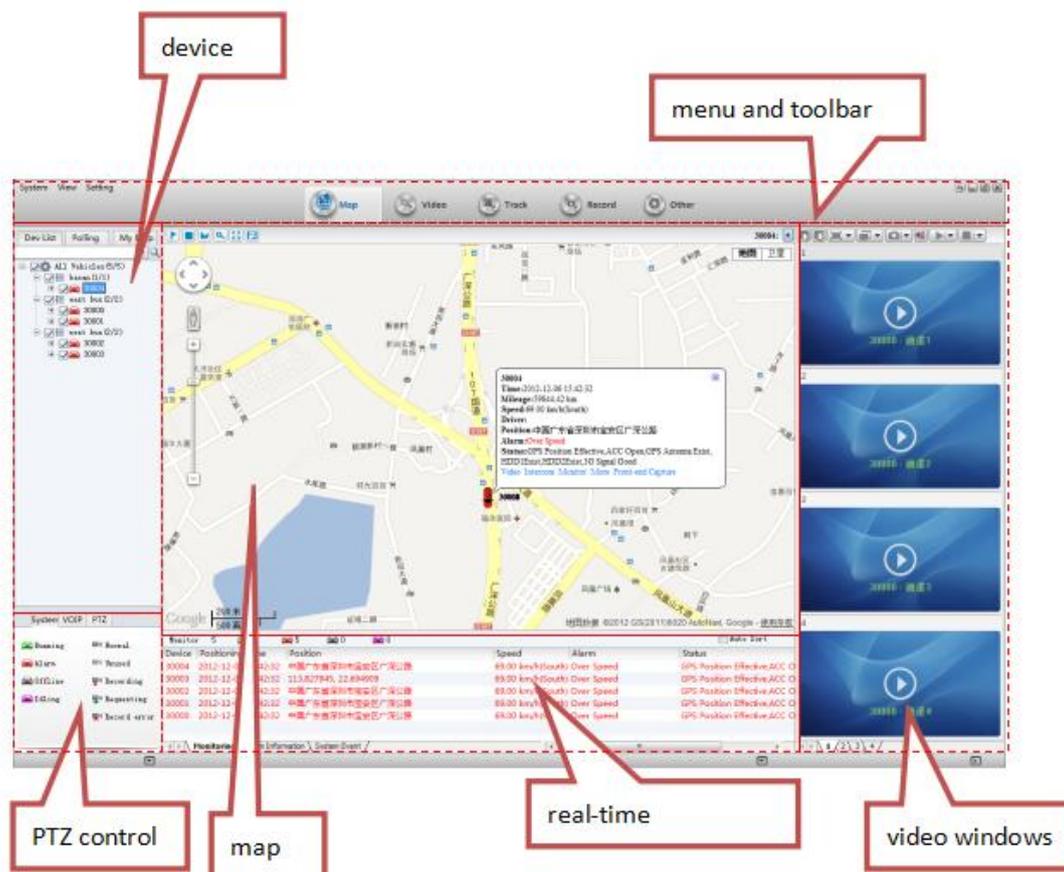
→ SIM card connected, NET LED lamp is on, then 3G is online now.  
Note: make sure the WIFI is close .

## 12. Make WIFI online:



→ show connected, then WIFI is online now.

### 13. Login the PC client software :



CMSV6 main interface

Note: More detailed information about the client software, please check the " CMSV6 Operation Manual"

### 14. Login the mobile phone APP:

IOS: Search CMSV6 in the APP store;

ANDROID: get the software from supplier, or search CMSV6 in the APP store.