

Mobile DVR

Instructions

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1 Specification

FEATURES:

- Built-in high performance Hisilicon chipsets, coded with H.264 standard, high compression rate and image quality
- 4CH AV Inputs with AHD 1080p/720P/960H/D1/CIF optional, 1CH synchronized AV output, 1CH VGA output, 1CH HDMI output.
- 4CH (or 8CH) local recording with 1080p (1080N) resolution in real time

Power:

- Professional In-Vehicle power design, 8-36V DC Wide Voltage Range
- Multi protection circuits like under-voltage, short, reversed plug-in
- Smart power management system, shutdown under low voltage, low consumption

Data Storage:

- Special file management system to encrypt and protect the data
- Proprietary technology to detect the bad track of the hard drive which can make sure the continuity of video and long service life of the hard drive
- Built-in ultra-capacitor, avoid data loss and SD card damage caused by sudden outage
- Support 2.5 inch HDD/SSD, maximum 2TB
- Support 2 SD card storage, each SD supports maximum 256GB. Please use big size SD not micro SD with adapter.

Transmission Interface(Optional):

- Support 3G/4G transmission, LTE/HSUPA/HSDPA/WCDMA/EVDO/TD-SCDMA (Optional)
- Support GPS/BD optional, high sensitivity, fast positioning(Optional)
- Support wireless download by WiFi, 802.11b/g/n, 2.4GHz(Optional)

MDVR Specification

Technical parameter:		
Item	Device parameter	Performance
System	Main processor	Hi3520DV300
	Operating system	Embedded Linux OS
	Operating language	Chinese/English
	Operating interface	GUI, support mouse
	Password security	User password/Admin password
Audio & Video	Video standard	PAL/NTSC
	Video compression	H.264
	Image resolution	1080P/1080N/720P/960H/D1/CIF
	Playback quality	1080P/1080N/720P/960H/D1/CIF
	Compound mode	A variety of ways
	Decoding ability	1ch 1080p (1080N)real time
	Recording quality	Class 1-6 optional

	Image display	Single/QUAD display optional
	Audio Compression	G.726
	Audio recording	Audio & Video synchronized recording
Recording & Playback	Recording mode	Manual/Alarm
	Video bit rate	Full frame 4096Mbps, 6 classes image quality optional
	Audio bit rate	8KB/s
	Storage media	SD card + HDD/SSD storage
	Video inquiry	Inquiry by channel/Recording type
Firmware upgrading	Local playback	Playback by file
	Upgrading mode	Manual/Automatically/Remote/Emergency Recovery
Interface	Upgrading method	USB disk/Wireless network/SD card
	AV input	4ch (or 8ch) aviation interface
	AV output	1ch VGA video output, 1ch aviation AV output
	Alarm input	4 digital inputs (4 Positive/Negative trigger)
	HDD/SSD	1 HDD/SSD (up to 2TB, support hot plug/unplug)
	SD card	2 SDXC High speed card (up to 512GB)
	USB interface	1 USB 2.0 (support U disk/mouse)
	Ignition input	1 ACC signal
	UART	1 LVTTL Level
	LED Indication	PWR/RUN
	Disk /SD card lock	1
	Debug port	1
Function extention	GPS/BD(Optional)	Support detecting antenna Plug in/Unplug/Short circuit
	3G/4G(Optional)	Supports CDMA/EVDO/GPRS/WCDMA/FDD LTE/TDD LTE
	WIFI(Optional)	802.11b/g/n, 2.4GHz
Others	Power input	8~32V DC
	Power consumption	Standby 3mA Maximum consumption 30W @12V 2.5A @24V 1.25A
	Working temperature	-20 --- 70℃
	Storage	1080P 1.5G/h/channel 1080N 1.2G/h/channel 720P 1G/h/channel 960H 750M/h/channel D1 300M/h/channal
	Dimension	148mm*188mm*60mm (Hard disk MDVR) 147mm*180mm*41mm (SD card MDVR)

	Spe.	Feature
--	------	---------

Project		
Power Input	8—36V	DC+8V~+36V, if lower than 8V, or higher than 36V, the MDVR will be shutdown, into protect status
Power Output	12V	Output :12V (+/-0.2V), max 2A。
Key Signal	$\leq 4V$	Key off。
	$\geq 5V$	Key on。
Video Input(Ω)	75 Ω	75 Ω /CH。
Video Output	2Vp-p	One 2Vp-p CVBS One 75 Ω
I/O	0—4V	Low voltage alarm
	>4V	High voltage alarm
SD Card Slot	SD Card	Support SD Card up to 1TB, Support two SD Card Support upgrade MDVR software
Temperature	-40℃-80℃	-40℃-80℃ with good environment

2.Feature

2.1Remote control application



Key Function:

1.”Info”: view network status

2.”Login”: main menu

3.Number:

【0—9】:Under the configuration mode, 0~9 stand for numbers; under the playback mode, 1, 2, 3 and 4 are for switching between related single channel,

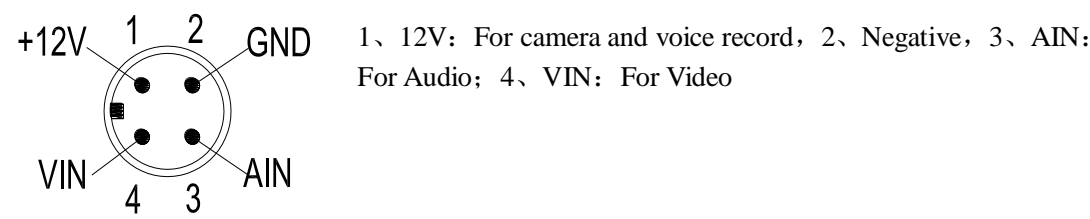
4. “ \uparrow \downarrow ” : up,down;

“ \leftarrow \rightarrow ” : left,right;

NOTE: If the remote controller does not contain battery. Please buy the battery in local market. Battery Model: CR2025.

Picture.3 Remote control

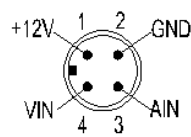
2.2 MDVR interface



Picture.4 MDVR interface

Back Panel

Back Panel

Interface	item	Feature
Power	DC8-36V	Power input (red for positive, black is for negative, yellow is connect to ignition cable, when switch mode set up in ignition mode)
Video/Audio input	CAM1-4 (AV1-AV4)	<div></div> Video/Audio Input interface
Video output	VOUT	Video output
Audio output	AOUT	Audio output
IO/ALARM	IO/ALARM	IO/ALARM
USB	USB	Mouse, USB Disk

3. Power

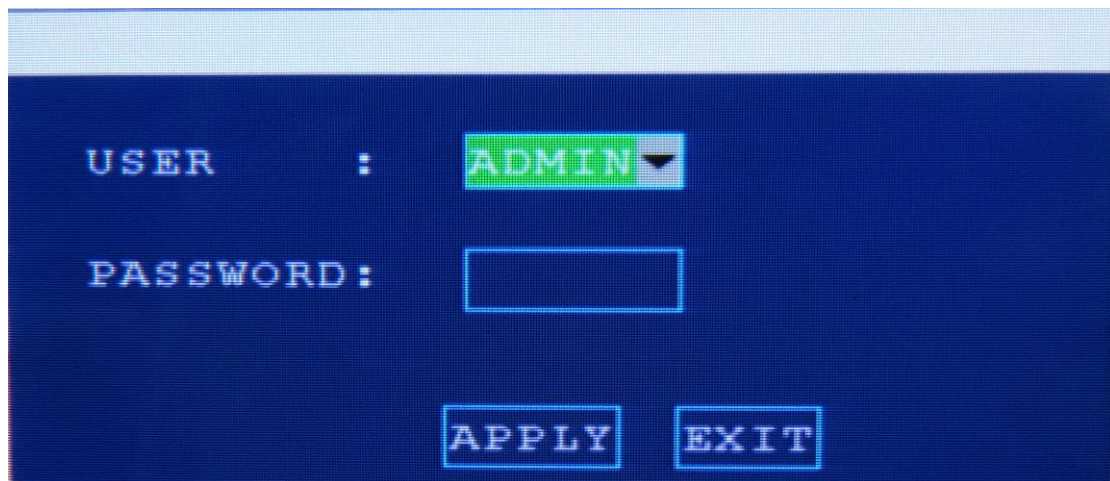


Picture.5 Power

- Make sure the volt is 8-36V before you connect with the battery , or the MDVR will be burn up
- Yellow cable must to connect with the ACC or Battery, or the MDVR cannot be delay shut down, the video will be lose.

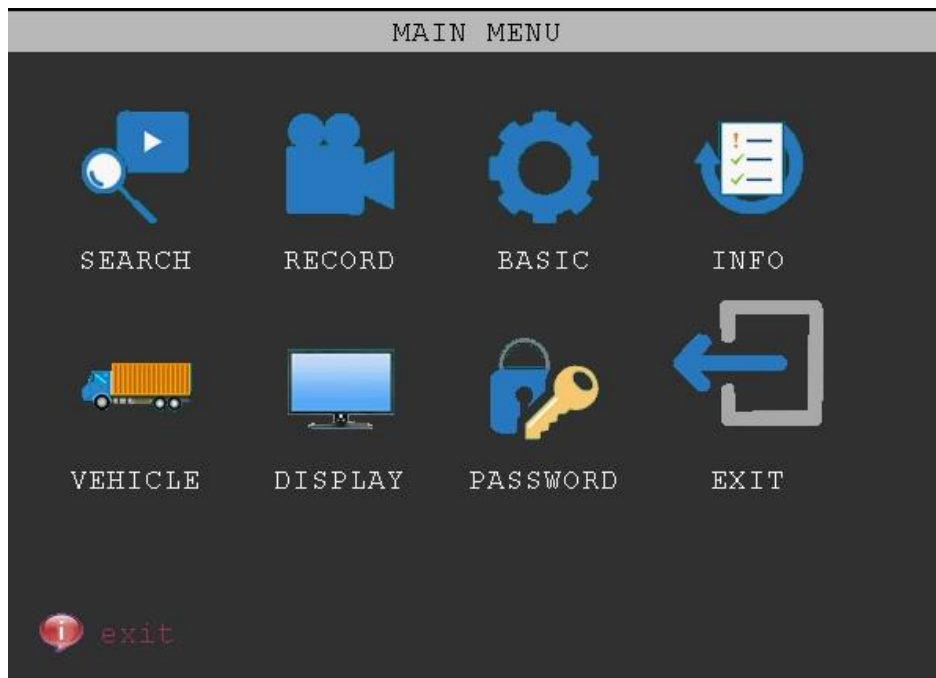
4 System User login

After connect the power, press “Login” to login without password. **(There is no password before you setup). USER account cannot change settings. Only ADMIN account can change menu.**



Picture.6 Login

5 Main Menu



Picture 7 Main Menu

< SEARCH>: Search for video files stored in the hard disk/SD card and perform playback operations;

<RECORD>: Set the audio and video parameters, working mode, etc.;

<BASIC>: Set alarms, ptz, time, network, disk, system, etc.;

<INFO>: Display device serial number, version number, SIM card, GPS module, WIFI, MAC address, etc.;

<VEHICLE>: Set vehicle number, switch settings, wireless settings, WIFI settings, etc.;

<DISPLAY>: Set monitor screen and video data content, channel name, time overlay, boot preview screen, etc.;

<PASSWORD>: Set menu password.

5.1 Record Search

MAIN MENU-RECORD SEARCH

CHN ALL ▾

DATE 2018-02-28 09:32

PLAY BACK

SEARCH

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
FEB.	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	00	01	02	03	04	05	06	07								
28th	08	09	10	11	12	13	14	15								
	16	17	18	19	20	21	22	23								

FILE LIST EXIT

Picture.8 Record Search

Record Search: Search, playback, and backup of video files on disk. It can Fast forward and rewind when playback on MDVR.

5.2 Record Setup

MAIN MENU-RECORD SETUP

CHANNEL ALL ▾

RECORD ☒

RESOLUTION 720P ▾

FRAMERATE 25

BITRATE L ▾

QUALITY 1 ▾

AUDIO ☒ REC. SIZE 15 MIN ▾

☐ REC. ALL REC. MODE POWER UP ▾

SNAP RES D1 ▾

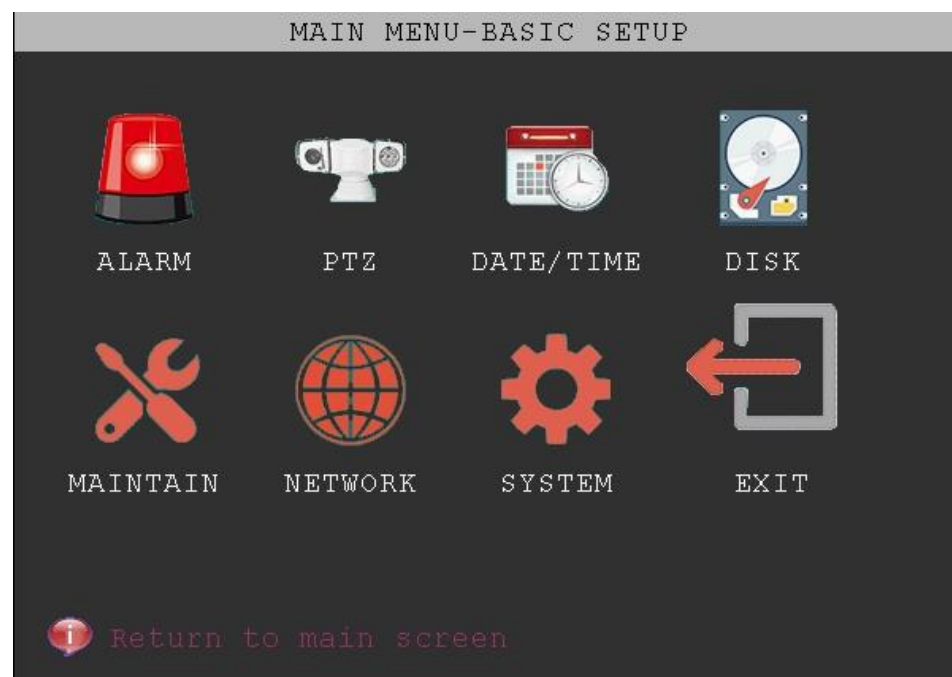
LOW STREAM CONFIG DEFAULT APPLY EXIT

Picture.9 Record Setup

<RECORD>: You can select on/off to select whether the channel is recording;
 <RESOLUTION>: D1 / HD1 / CIF / 720P / 1080N / 1080P resolution optional;
 <BITRATE>: High / medium / low optional;
 <FRAMERATE>: 1 to 25 (or 30) optional;
 <QUALITY>: 1 to 6 optional; the smaller the value, the better the image quality;
 <AUDIO>: Optional on/off;
 <REC. SIZE>: 3minutes / 15 minutes / 30 minutes / 45 minutes / 60 minutes optional;
 <REC.MODE>: Optional boot recording / timer recording; when setup to timer, you can schedule the time that start and stop the recording. Also you can set to only record on alarm videos.
 <SNAP RES>: D1/CIF/HD1/960H/720P/1080P optional.

NOTE: Click “APPLY” button to save settings.

5.3 Basic Setup



Picture.10 Basic Setup

<Alarm>: Set the switches and parameters of various alarm inputs;
 <PTZ>: Set the PTZ parameters;
 <Date/Time>: Set system time, daylight saving time;
 <Disk>: Display disk status, provide hard disk, SD card, U disk formatting function;
 <Maintain>: Set automatic restart, system upgrade, factory reset;
 <Network>: Set network, server IP;
 <System>: Set system language, camera format, output resolution, camera type.

5.3.1 Alarm Setup

MAIN MENU—BASIC—ALARM SETUP

IO ALL ▼

TRIGGER HIGH ▼ CHN Switch NO ▼ ☐ RECORD

☐ DISK FAILURE ☐ DISK SPACE

☐ VIDEO LOSS

ALARM SET OUTPUT 010 ▼ BUZZER 000 ▼

DELAY 060 ▼ ADVANCE 000 ▼

EMAIL

DEFAULT APPLY EXIT

Picture.11 Alarm Setup

<IO>: Select interface;

<Trigger>: High and low optional;

<CHN Switch>: “YES/NO”: switch or not when level is triggered;

<Disk Failure>: Alarm when there is no disk or the device does not recognize the disk;

<Disk Space>: Alarm when the disk is out of memory;

<Video Loss>: Alarm when there is no video input.

NOTE: Click “APPLY” button to save settings.

5.3.2 PTZ Setup(Optional)

MAIN MENU-BASIC SETUP-PTZ SETUP

CHANNEL	ALL
PROTOCOL	Pelco-D
BAUD RATE	9600
DATA BIT	8
VERIFY	ODD
STOP BIT	1
ADDRESS	001

DEFAULT APPLY EXIT

Picture.12 PTZ Setup

<Protocol>: Support PELCO-D and PELCO-P;
<Baud Rate>: 1200/2400/4800/9600 bps optional;
<Data Bit>: 5,6,7,8 optional;
<Verify>: Odd/Even/Mark/Spac/None optional;
<Stop Bit>: 1/1.5/2 optional;
<Address>: 001~255.

NOTE: Click “APPLY” button to save settings.

5.3.3 Time Setup

MAIN MENU-BASIC SETUP-TIME SETUP

DATE	2018-02-26	DATE FORMAT	YY-MM-DD
TIME	15:32:01	TIME FORMAT	24HOURS
TIMEZONE	480	<input checked="" type="checkbox"/> AutoTiming	
GPS TIMING	MODIFY DATETIME		
DST	OFF		

When Modify, Press [MODIFY DATETIME]

DEFAULT APPLY EXIT

Picture.13 Time Setup

<Date>: Set year, month, day;

<Time>: Set hour, minute, second;

<Date Format>: MM/DD/YY or YY-MM-DD;

<Time Format>: 12-hour system or 24-hour system;

<Auto Timing>: Automatically synchronize with GPS satellite time; **PLEASE DO NOT CHECK.**

<Modify Datetime>: After modifying the time, click “Modify Datetime” to take effect.

NOTE: Click “APPLY” button to save settings.

5.3.4 HD Management

MAIN MENU-FUNCTIONSET-HDMANAGEMENT

NO.	STATE	SIZE/AVALID	RECTIME	FORMAT
1	No Dev	0/0	0Hour	<input type="checkbox"/>
2	No Dev	0/0	0Hour	<input type="checkbox"/>

☐ Re-detect **OVERWRITTEN** ALL ▼

☐ Auto Format

STORAGE FORMAT **U DISK FORMAT**

DEFAULT **APPLY** **EXIT**

Picture.14 HD Management

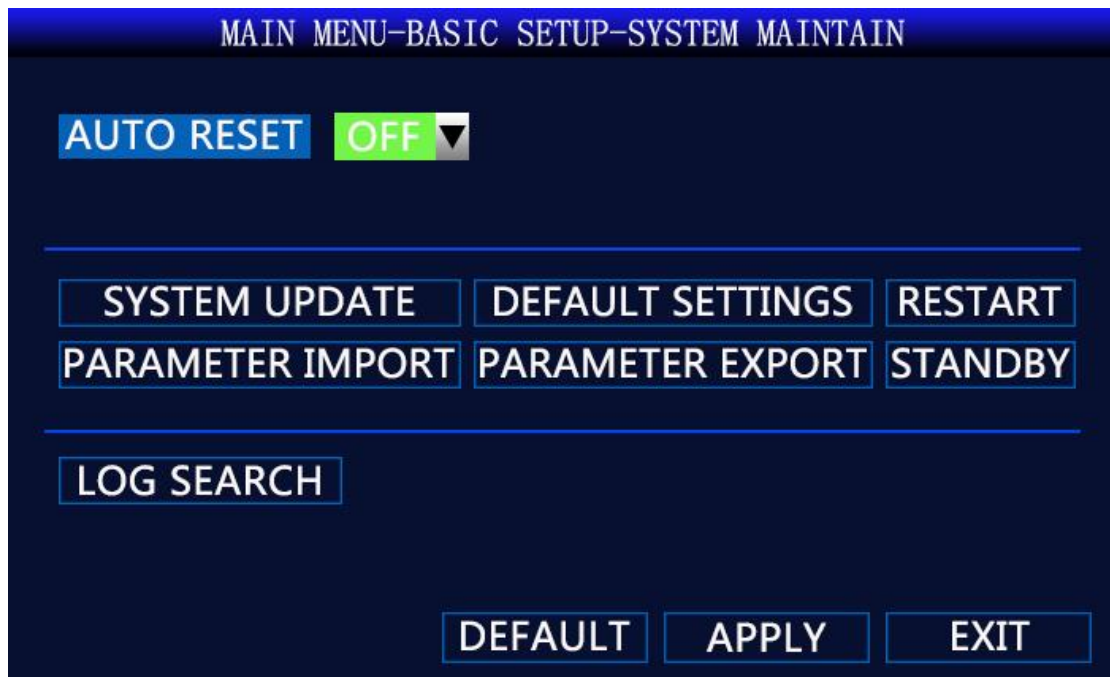
<Auto Format>: Automatically formatted when a new hard disk or SD card is powered on;

<Overwritten>: Automatically overwrite the oldest video file when it is full.

NOTE: When mdvr shows “HDD ERR” on screen, please enter menu, check the SD/HDD/SSD, and click “STORAGE FORMAT” to format the SD/HDD/SSD, then it will start to record.

NOTE: Click “APPLY” button to save settings.

5.3.5 System Maintain



MAIN MENU-BASIC SETUP-SYSTEM MAINTAIN

AUTO RESET OFF ▼

SYSTEM UPDATE DEFAULT SETTINGS RESTART
PARAMETER IMPORT PARAMETER EXPORT STANDBY

LOG SEARCH

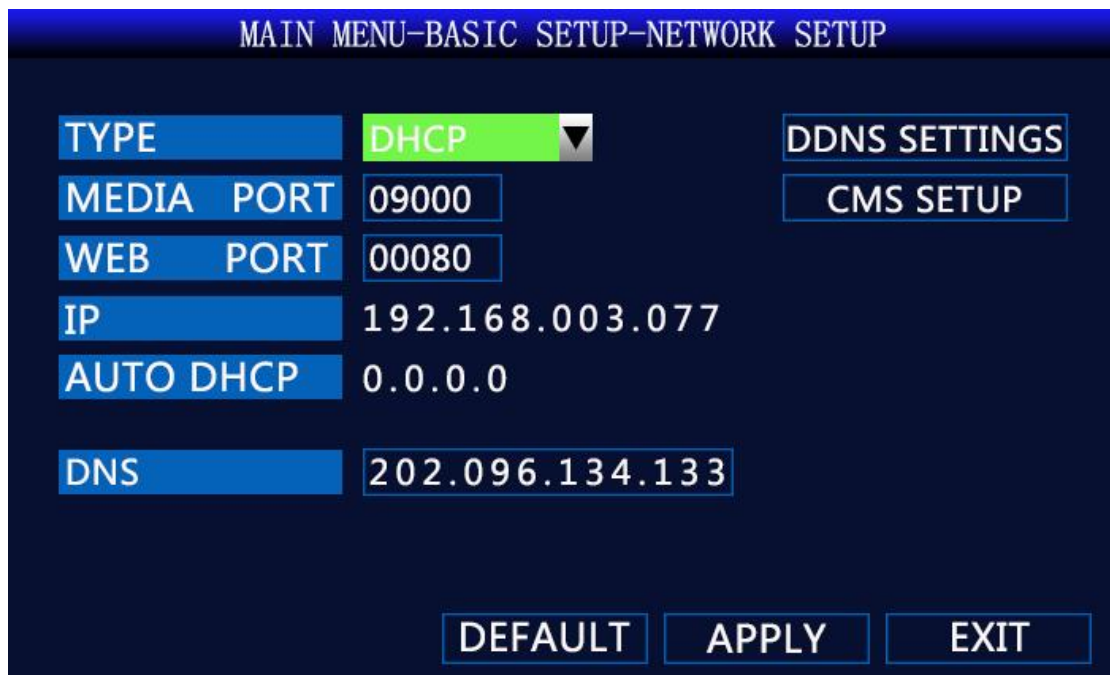
DEFAULT APPLY EXIT

Pictures.15 System Maintain

<Default Settings>:Click to reset to factory reset all the settings.

NOTE: Click “APPLY” button to save settings.

5.3.6 Network Setup



MAIN MENU-BASIC SETUP-NETWORK SETUP

TYPE DHCP ▼ DDNS SETTINGS

MEDIA PORT 09000 CMS SETUP

WEB PORT 00080

IP 192.168.003.077

AUTO DHCP 0.0.0.0

DNS 202.096.134.133

DEFAULT APPLY EXIT

Picture.16 Network Setup

<Media Port>: Generally not modified

<WEB Port>: Generally not modified

<CMS Setup>: Set the server IP address, port

MAIN MENU-BASIC SETUP-NETWORK SETUP-CMS SETUP

ACCESS TYPE	IP Address ▼
SERVER IP	047.106.009.069
SERVER DOMAIN	
SERVER PORT	06608

Default APPLY EXIT

Picture.17 CMS Setup

<Access Type>: select "IP Address"

<Server IP>:47.106.9.69 (Configure according to your own server IP)

NOTE:

* 47.106.9.69 is IP of our free server. When you setup your own server, change the IP to the IP of your own server.

* Only mdvr that supports wifi or 4G module need to check this network setup.

* Click "APPLY" button to save settings.

5.3.7 System Setup

MAIN MENU-BASIC SETUP-SYSTEM SETUP

VIDEO SYSTEM	NTSC ▼
VGA RES	1024*768 ▼
LOOP TIME	000 (SEC)
SYSTEM LANGUAGE	English ▼
Camera Type	
CHN1-2	CHN3-4
1080P ▼	1080P ▼

⚠ Switch System Mode.System Restart.

APPLY EXIT

Picture.18 System Setup

<Video System>: PAL/NTSC (DEFAULT)

<VGA RES>: VGA output display resolution

<Camera Type>: “SD” stands for analog camera, ”720P” stands for AHD 720P camera, “1080N/1080P” stands for AHD 1080P camera, Select the corresponding camera type to display properly

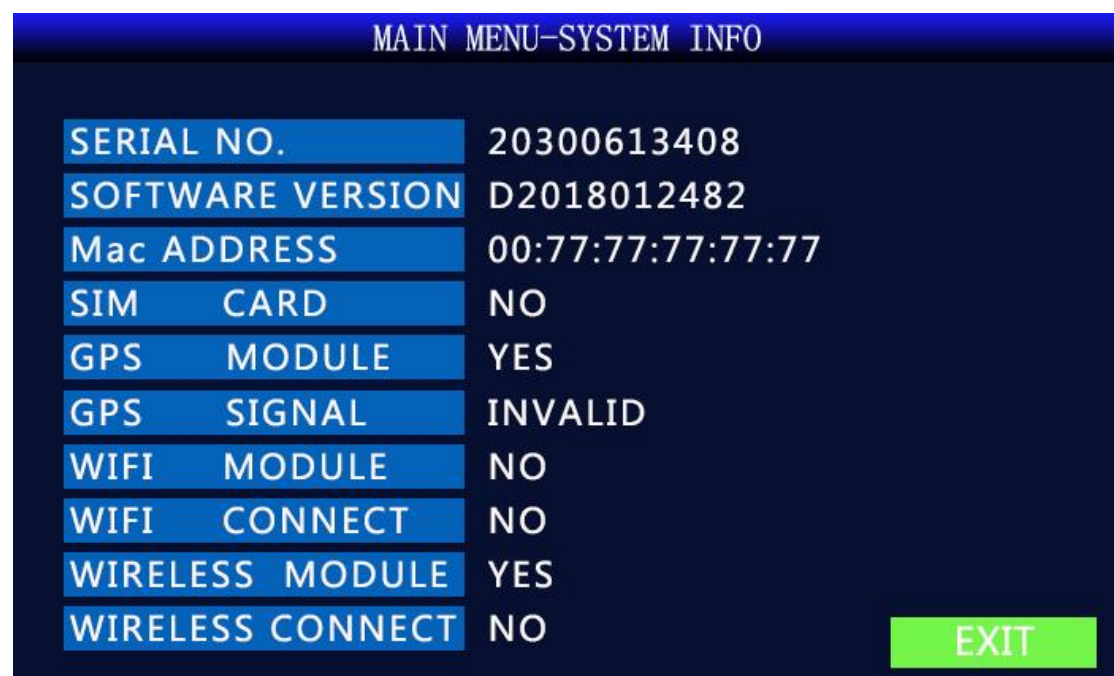
<System Language>: Set system language, including Chinese, English, and Traditional Chinese

NOTE: Switch system mode, system restart

Default setting on mdvr is for NTSC mode 1080P AHD camera. If your camera is not 1080P AHD NTSC mode. Please setup the menu according to the specification of your own cameras.

NOTE: Click “APPLY” button to save settings.

5.4 System Info



Picture.19 System Info

<SIM Card>: “Yes” means the SIM card is recognized, “NO” means not

<GPS Module>: “Yes” means the GPS module is recognized, “NO” means not

<GPS Signal>: “INVALID” indicates that there is a signal

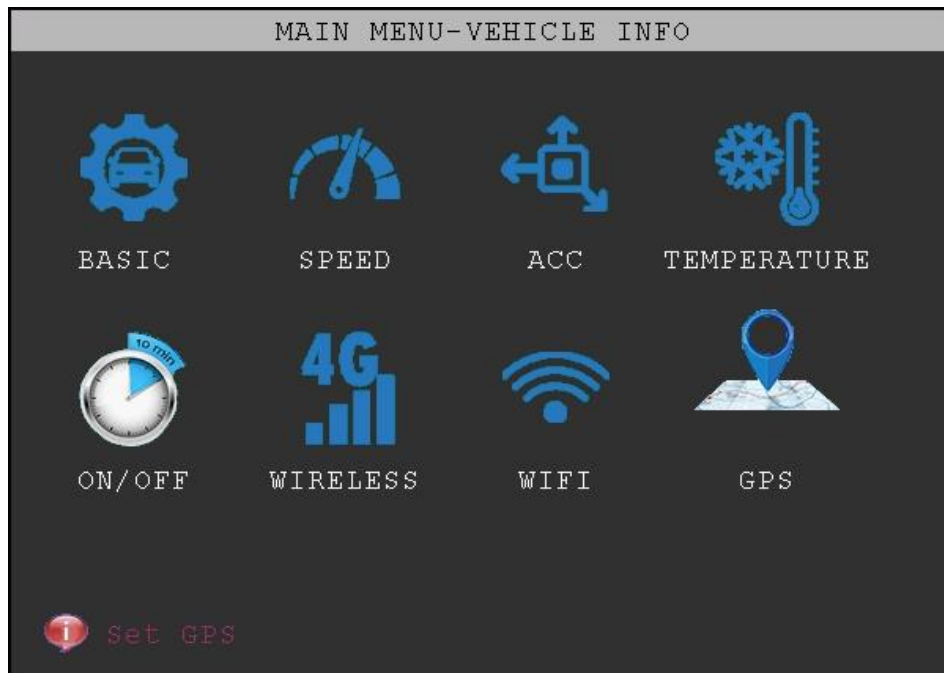
<Wi-Fi Module>: “Yes” means the Wi-Fi module is recognized, “NO” means not

<Wi-Fi Connect>: “Yes” means successful networking, “NO” means not

<Wireless Module>: “Yes” means the 3G/4G module is recognized, “NO” means not

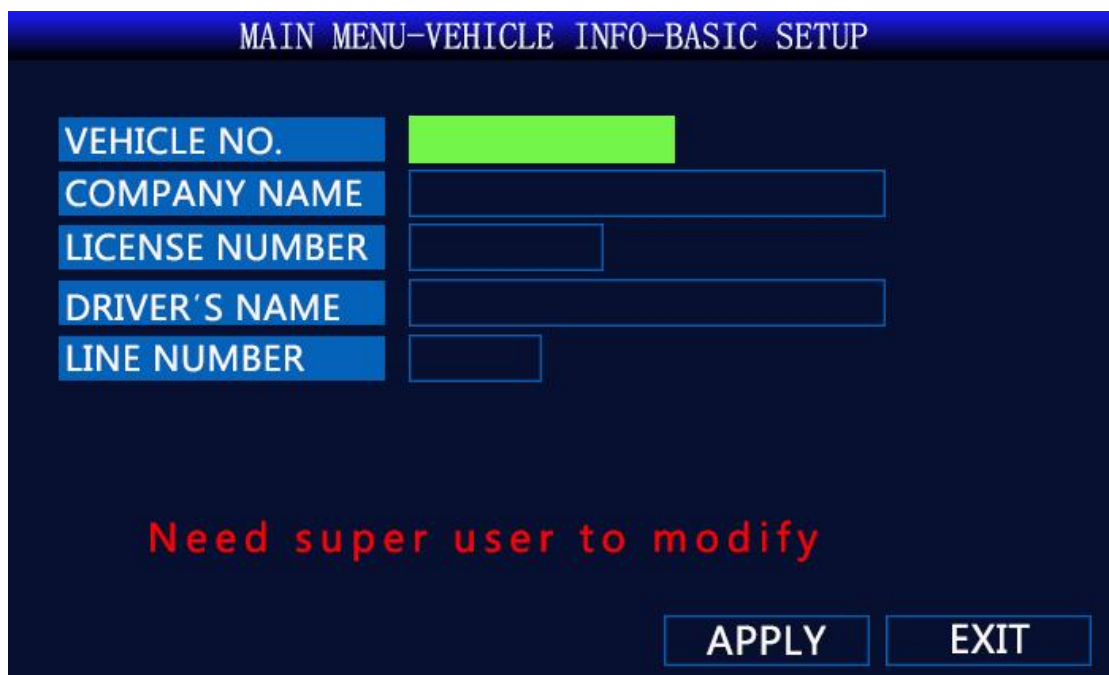
<Wireless Connect>: “Yes” means successful networking, “NO” means not

5.5 Vehicle Info



Picture .20 Vehicle Info

5.5.1 Basic Setup



Picture.21 Basic Setup

<Vehicle NO.>: Set the number of the machine (3G\4G function device requires super

administrator setting). **PLEASE DO NOT CHANGE UNLESS USE YOUR OWN SERVER.**

<Company Name>: Enter your company's name;

<License Number>: Enter license number of the car;

<Driver's Name>: Enter driver's name;

<Line Number>: Enter line number.

5.5.2 ACC Setup

The screenshot shows a software interface titled "MAIN MENU-VEHICLE INFO-ACC SETUP". It contains several settings:

- ALARM**: A green button labeled "OFF" with a downward arrow.
- RECORD**: A blue button labeled "OFF" with a downward arrow.
- THRESHOLD :** A section with three rows of settings:
 - X**: A blue button labeled "0.1" followed by "(0~9.9)".
 - Y**: A blue button labeled "0.1" followed by "(0~9.9)".
 - Z**: A blue button labeled "0.1" followed by "(0~9.9)".
- REAL STAT :** A blue button followed by the text "X=0.00 Y=0.00 Z=0.00".

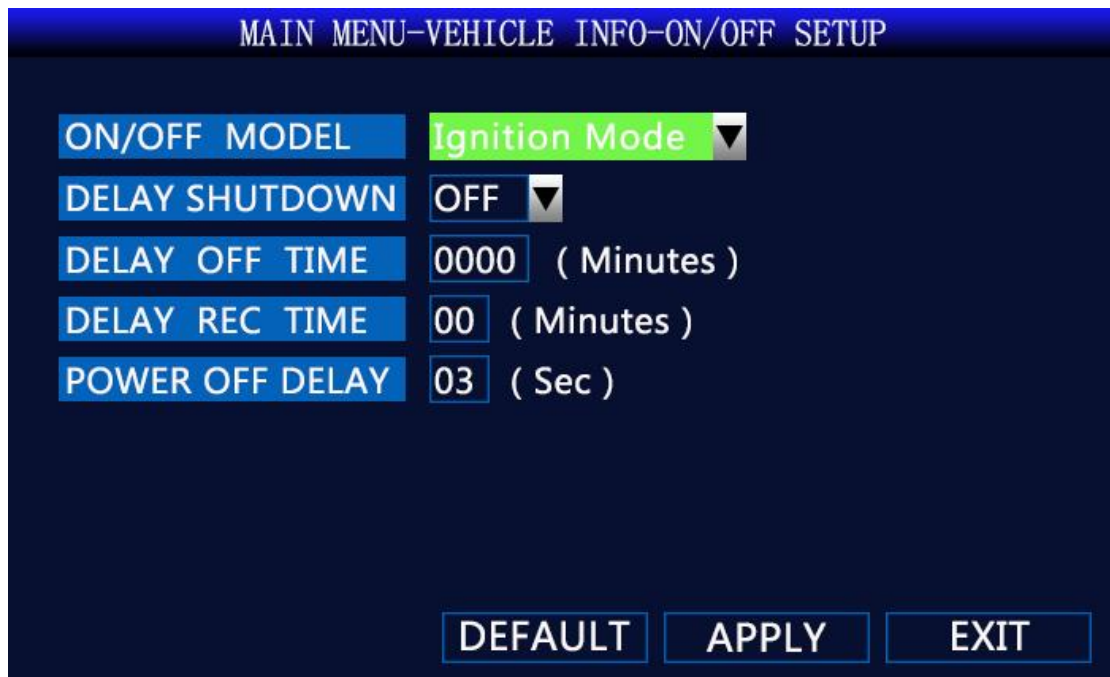
At the bottom right, there are three buttons: **ADJUST**, **APPLY**, and **EXIT**.

Picture.22 ACC Setup

Mdvr has built-in G-sensor. If you turn on the alarm. It will save G-sensor alarm.

NOTE: Click "APPLY" button to save settings.

5.5.3 ON/OFF Setup



MAIN MENU-VEHICLE INFO-ON/OFF SETUP

ON/OFF MODEL	Ignition Mode ▼
DELAY SHUTDOWN	OFF ▼
DELAY OFF TIME	0000 (Minutes)
DELAY REC TIME	00 (Minutes)
POWER OFF DELAY	03 (Sec)

DEFAULT APPLY EXIT

Pictures.23 ON/OFF Setup

<ON/OFF Model>: Ignition Mode / Timing Mode (In the ignition mode, the MDVR will automatically turn on after the car is started, and in the timing mode, the MDVR will be turned on at the time set by the user.)

<Delay Shutdown>: OFF/ON. If set to ON, red power wire to battery, yellow power wire to ACC

<Delay OFF Time>: 1~1440 minutes (Effective after restarting)

<Delay REC Time>: 1~1440 minutes (Effective after restarting)

NOTE: Click “APPLY” button to save settings.



MAIN MENU-VEHICLE INFO-ON/OFF SETUP

ON/OFF MODEL	Timing Mode ▼
BOOT TIME	00:00:00
SHUTDOWN TIME	23:59:59

DEFAULT APPLY EXIT

5.5.4 Wireless Setup(Optional)

The screenshot shows a 'MAIN MENU-VEHICLE INFO-WIRELESS SETUP' screen. It contains the following fields and options:

- WIRELESS:** A dropdown menu set to 'ON' and a 'Status' button.
- Restart:** A checkbox with a checkmark.
- WIRELESS TYPE:** A dropdown menu set to 'USER'.
- APN:** A text input field containing '3gnet'.
- DIAL NUMBERS:** A text input field containing '*99#'.
- LOGIN USER:** A text input field.
- LOGIN PASS:** A text input field.
- Buttons:** 'APPLY' and 'EXIT' buttons at the bottom right.

Picture.25 Wireless Setup

<Restart>: When the module cannot be reconnected after disconnection, the module will automatically power off and reset.

APN: Please input according to the 4G SIM card you use.

APN of T-mobile in United States:fast.t-mobile.com

APN of AT&T in United States:BROADBAND

Please keep the dial number as *99#

NOTE: Click “APPLY” button to save settings.

5.5.5 Wi-Fi Setup(Optional)

ESSID	QUALITY	ENC	ENCTYPE
-------	---------	-----	---------

WIFI: OFF ▼

Search Hotspot Status Hotspot IP Config

APPLY EXIT

Picture.26 Wi-Fi Setup

<Search Hotspot>: Search for nearby WiFi hotspots.

< Status>: View WiFi connection status, IP address and other information

<Hotspot>:It can save 5 WiFi hotspots

<IP Config>: Set to AUTO

NOTE: No special character in the SSID and password of the wifi hotspot. Turn off the firewall in the wifi router. Work with 2.4G wifi hotspot only.

NOTE: Click “APPLY” button to save settings.

5.5.6 GPS Setup(Optional)

GPS BAUDRATE 9600 ▼

GPS SEND INTERVAL 0010

SEND ALARM SWITCH ON ▼

ALARM INTERVAL 02

PARKING TIMEOUT 000

OVERSPEED VALUE 060

LOWSPEED VALUE 000

SPEED UNIT KMH ▼

DEFAULT APPLY EXIT

Picture.27 GPS Setup

<Overspeed Value>: Above the set speed, the device will alarm

<Lowspeed Value>: Below the set speed, the device will alarm

NOTE: Click “APPLY” button to save settings.

5.6 Display Setup

MAIN MENU-DISPLAY SETUP

CHN CH1 ▼

NAME CH1 POSITION BOTTOMRIGHT ▼

PREVIEW ☒ COLOR SETUP

Hor. Flip ☐ Ver. Flip ☐

PREVIEW TIME TOP ▼ RECORD TIME DOWN ▼

PREVIEW GPS OFF ▼ RECORD GPS OFF ▼

Startup Preview QUAD ▼ 00

MASK FIELD SETUP VOLUME SETUP

DEFAULT APPLY EXIT

Picture.28 Display Setup

<Hor. Flip>: Flip the video image horizontally

<Ver. Flip>: Flip the video image vertically

<Startup Preview>: Set the display mode.

NOTE: Click “APPLY” button to save settings.

5.7 Password Setup

MAIN MENU-PASSWORD SETUP

DEVICE ID	000000		
USE PASSWORD	ON		
ADMIN PASSWORD		INPUT AGAIN	
USER PASSWORD		INPUT AGAIN	

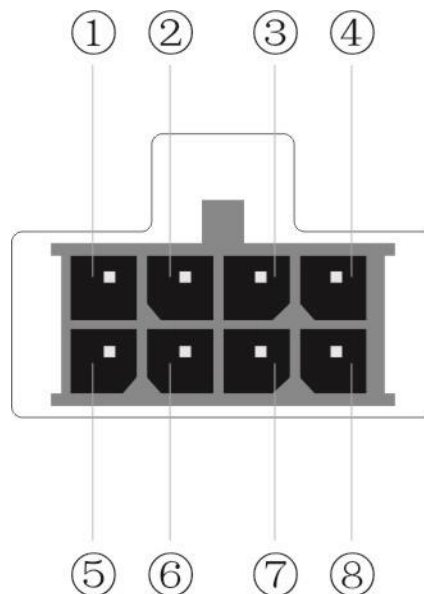
APPLY EXIT

Picture.29 Password Setup

Only “Admin” can set “Admin Password” and “User Password”

NOTE: Click “APPLY” button to save settings.

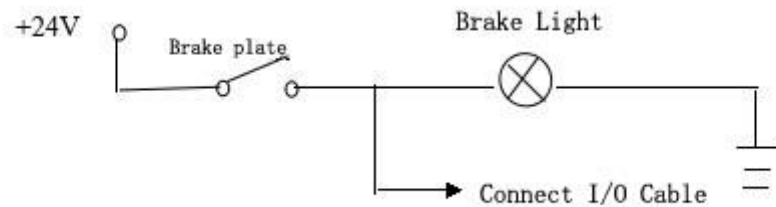
6 I/O Interface



Picture.30 IO Interface

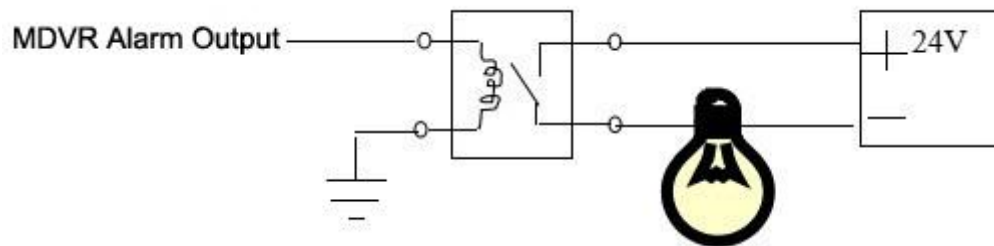
- ① Alarm-2 ② Alarm-4 ③ Alarm Output ④ 485B
 ⑤ Alarm-1 ⑥ Alarm-3 ⑦ GND ⑧ 485A

There is 4 alarm input, 2 alarm output. Alarm input detection are voltage; can be accessed by variety of vehicles driving status, such as brakes, steering, horn and so on. Brake testing schematic shown below, when the brake pedal is depressed, MDVR able to detect high or low voltage.



Picture.31 Brake testing schematic

Alarm outputs are voltage output. Drive capability of 200mA, if you want large power devices, must be externally relays. Alarm output photoelectric schematic shown below.



Picture.32 Alarm Schematic

7 Check Networking Status(Optional)

2018-05-25 16:34:46		...	
CH1	CH2	CH3	
GPS:YES			
LNG:11349.71392 E	CH5	CH6	
LAT:2236.43040 N			
4G:YES			
SIM:YES			
4G ONLINE:YES			
CMS ONLINE:YES	CH8		
SERIAL NUM:SD03G			

Picture.33 Check Networking(Online) Status

Press the button “Info” on remote control, will be showed the online information.

GPS:YES means recognize the GPS module; **GPS:NO** means not recognize GPS module

LNG:11349.71392 E Display longitude, **0.0** means GPS not working

LAT:2236.43040 N Display latitude, **0.0** means GPS not working

4G:YES means recognize module, **4G:NO** means not recognize module

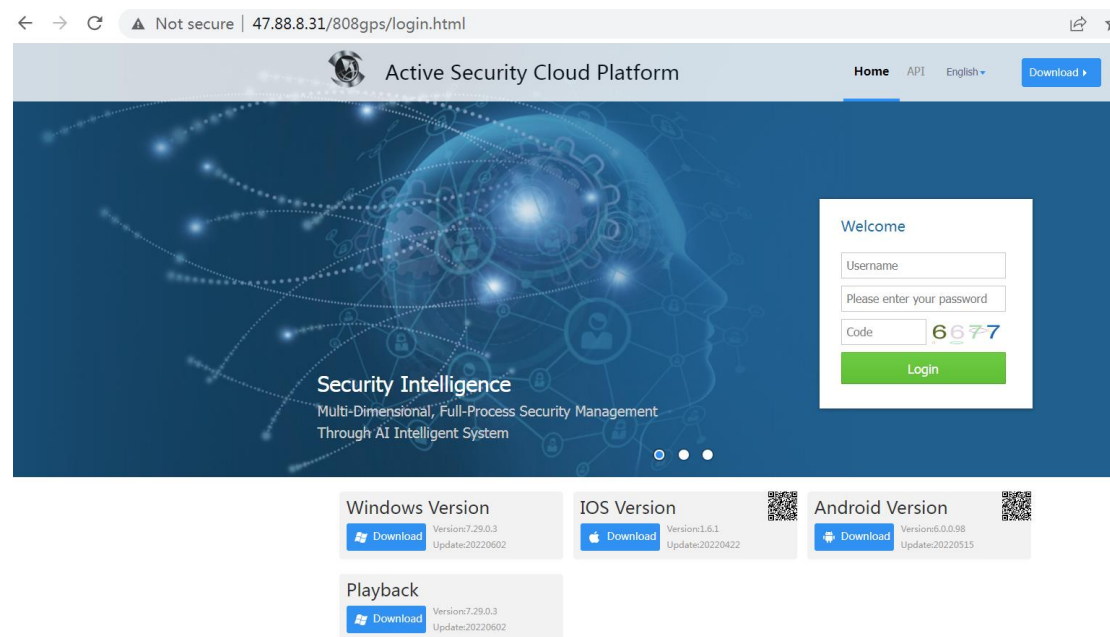
SIM:YES means recognize the SIM card, **SIM:NO** means not recognize the SIM card

4G ONLINE:YES means networked, **4G ONLINE:NO** means no connecting network

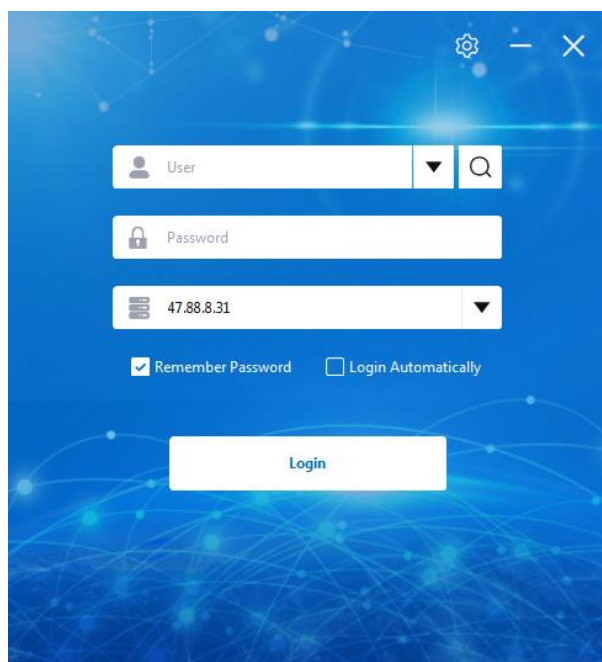
CMS ONLINE:YES means connected the server, **CMS ONLINE:NO** means not connect the server

8 CMSV7 Installation Instruction(Optional)

1.For PC download from <http://47.88.8.31/808gps/login.html>



Picture.34 CMSV6 download



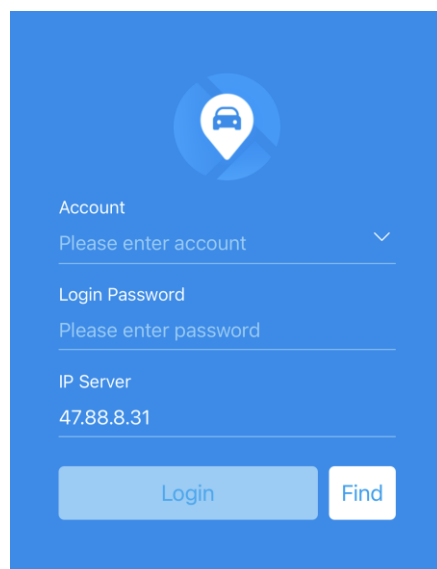
Picture.35 login interface on PC

User: Mark on the device label

Password: 000000 (can change on CMSV6 webpage or client software)

Server: 47.88.8.31

2. For smart phone, search “CMSV7” in the app store and download.



Picture.36 login interface on phone

Account (User): Mark on the device label

Password: 000000(can change on CMSV7 webpage or client software)

Server (IP): 47.88.8.31

NOTE: The remote controller does not contain battery. Please buy the battery in local market. Battery Model: CR2025.

9 FAQ

We have channel on YouTube, we upload many operation videos on YouTube, please search “JOINLGO” on YouTube.

Q: Why MDVR don't power on?

- A: Please make sure the SD card door is locked.
- B: Please make sure the YELLOW ACC wire gets power too.
- C: Please take out the SD or HDD out to test.

Q: How to set rearview image of camera?

Enter OSD menu via Admin account.

Operation->Display-> Check Horizontal Flip

Q: How to do when system shows “HDD ERR” after insert a SD card?

It needs to format the SD card when use the SD card first time. Please check the video. If it still shows “HDD ERR” after formatting the SD card, please change to use another SD card.

Enter OSD menu via Admin account.

Main->Basic-> Disk. Select the SD and Click “Format”.

Q: How to do when MDVR turns on and off automatically all the time?

Please remove the SD card or change another SD card. Bad SD card will lead to this issue.

Q: How to set up recording resolution?

Please enter OSD menu via Admin account, default password is empty.

Main->Record->Resolution (it can set CIF/HD1/D1/960H/720P).

Q: How to connect and use the IO cable?

It supports 4 channel alarm input.

Please refer to section 6 I/O interface in this manual.

Q: Where to download the APP, CMSV6 software and PC playback software?

Please check below link to download the software.

<http://47.88.8.31/808gps/login.html>

Q: How to configure 4G?

Kindly remind you that it needs to input APN according to your 4G SIM card.

MAIN->VEHICLE->WIRELESS->USER setup APN.

Q: How to change plate number on CMSV6?

Please log in CMSV6 client software or webpage.

Enter Operation->Vehicle->Edit.->Plate NO. then save.

If you want to change the company name, please contact us, we will create your company name and allocate your mdvr under your company. Our server is free.

Note: It cannot change the vehicle ID. Actually, it does not need to change the vehicle ID, please just change the plate NO. then it will show the new name on CMSV6 platform.

Q: Why cannot use Google map?

Google map service is not free. The fee of google map per year is much more expensive than the full MdvR kit. Baidu map is free now, and it shows English language on map. Most of our customers use Baidu map, and if you want to use google map, it have to build up your own server, and put the MdvR on your own server. Then you can bug google map API key and replace the API key on your server,

Q: Why can not show video remotely?

First, please make sure the mdvr is online. Make sure it connects with 4G or wifi successfully.

1. APP: Please click search button, and select the mdvr, then back to Video page will show the videos,
2. Webpage: Please install flash and enable it runs on webpage.

Q: How to build up my own server?

A PC with a fixed IP can install the CMSV6 server. Please contact us, we will send the latest CMSV6 server software to you.

Sincerely,

JOINLGO Customer Service Team

10 Contact

Website: www.joinlgo.com

Email: service@joinlgo.com

Whatsapp/Phone: +8618124010269