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Contents

1 Copyright and Disclaimer	5 -
2 Fast Installing and Using the MDVR	5 -
2.1 Installing the MDVR	5 -
2.2 Configuring the MDVR	10 -
2.3 Logging In to the Platform	11 -
3 Device Parameter Settings and Querying	19 -
3.1 Basic Settings	19 -
3.1.1 Setting Flash Data	19 -
3.1.2 Setting the Local Time Zone	19 -
3.1.3 Formatting the Drive	19 -
3.1.4 Setting Auto Reboot	20 -
3.2 Tracking Settings	20 -
3.2.1 Setting Intervals of Uploading and Recording Positioning Data	20 -
3.2.2 Setting the Platform Server and Positioning Data Uploading Mode	20 -
3.2.3 Selecting Uploaded Data	21 -
3.2.4 Setting SMS Related Information	21 -
3.3 Geo-Fence Settings	21 -
3.4 Alert Event Settings	21 -
3.5 Peripheral Settings	22 -
3.5.1 Setting Output Ports	22 -
3.5.2 Setting a Fuel Level Sensor	23 -
3.5.3 Setting Peripheral Parameters	23 -
3.6 Vehicle Maintenance Settings	23 -
3.7 Network Settings	24 -
3.7.1 Setting the FTP Server	24 -
3.7.2 Setting Networks	24 -
3.8 Video Settings	26 -
3.8.1 Setting Basic Video Parameters	26 -
3.8.2 Setting Video Encoding	26 -
3.8.3 Calculating Data Usage	27 -
3.8.4 Setting Recording Time	27 -
3.8.5 Setting OSD Parameters	27 -
4 Configuring the MDVR by Using the LAN Web Page	28 -
5 Connecting the MDVR to the LCD Display	29 -
5.1 Setting the Language	30 -
5.2 Setting the Night or Glare Mode	30 -
5.3 Setting the Brightness and Contrast Ratio	31 -
5.4 Adjusting the Volume	31 -
5.5 Rotating Images	32 -
5.6 Showing Camera Channels	33 -
5.7 Playing a Single Image in Full Screen	34 -
5.8 Setting Parking Guidelines	35 -
5.9 Setting the Delay Time of Image Playing	36 -

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MEITRACK MDVR Operation and Function Manual

6 MS03 Web Plat	form 3	6 -
6.1 Real-ti	ne Monitoring 3	7 -
6.2 Video I	·layback 4	1 -
6.3 Two-W	ay Calling 4	2 -
7 MS03 App	- 4	5 -
7.1 Loggin	g In to the App 4	5 -
7.2 Checki	ng MDVR Online Status 4	5 -
7.3 Video S	urveillance 4	6 -
7.4 Other I	cons 4	8 -
8 Playing MDVR	/ideos by Using MT Player Software 5	1 -
8.1 Installi	ng MT Player5	1 -
8.2 Setting	MT Player Parameters 5	2 -
8.2.1 S	etting the Language 5	2 -
8.2.2 S	etting the Map 5	3 -
8.2.3 S	etting the Storage Path 5-	4 -
8.2.4 S	etting the FTP Server5	5 -
8.3 MT Pla	yer Functions	6 -
8.3.1 P	aying Videos 5	6 -
8.3.2 C	uerying GPS Positioning Data 6	1 -
8.3.3 C	onversing the Video Format 6	2 -

1 Copyright and Disclaimer

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2 Fast Installing and Using the MDVR

Perform the following nine steps to fast install and use the MDVR:

- 1) Loosen the screws and insert the key to open the SD card lock (or disk lock).
- Insert the SIM card into the SIM card slot. (MD511H/MD811H MDVR: You will see the card slot after pulling out the disk enclosure.)
- 3) Install two SD cards as required. (MD511H/MD811H MDVR: Install a disk, and then install an SD card.)
- 4) Connect four cameras, the display, handset, GSM antenna, WiFi antenna and GPS antenna.
- 5) Connect the power cable (including the VCC, GND and ACC cables) to the external power supply. (The ACC cable must be connected to the positive terminal of the external power supply. Otherwise, the MDVR cannot be started.)
- 6) Set the IP address and port of the platform.
- 7) Set the data transmission network.
- 8) Set the login user name and password.
- 9) After logging in to the platform, you can implement video surveillance, search videos, and make a call.

2.1 Installing the MDVR

(1) Loosen the screws and insert the key to open the SD card lock (or disk lock).

MD511S MDVR (SD card version) operations:



MD511H/MD811H MDVR (Disk version) operations:



Open the disk cover by using a screwdriver, and then install a disk.



After installing the disk, you need to push the disk up with your fingers, turn the disk enclosure over, and tighten the screws firmly.





Tighten the eight screws on both sides of the disk enclosure, and install the disk enclosure.

(2) MD511S MDVR: Install a SIM card and two SD cards, and then lock SD cards. (Note: You must lock the card cover by the key after closing it. Otherwise, the recording function fails to be started.)

MD511H/MD811H MDVR: Install a SIM card and a SD card, and then lock the disk. (Note: You must use the key to lock the disk after putting the disk back. Otherwise, the MDVR cannot be started.)

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MD511S MDVR (SD card version):



MD511H/MD811H MDVR (Disk version):



(3) Connect four cameras(8 cameras for MD811H), the display, handset, GPS antenna, GSM antenna, WiFi antenna, and power cable.



Plug the power cable in the PWR interface.

Plug the four cameras in the AV-IN1, AV-IN2, AV-IN3, and AV-IN4 interfaces.

Plug the display in the AV-OUT interface.

Plug the handset in the MIC&SPK interface.

Connect the WiFi antenna, GPS antenna, and 3G/4G antenna to the MDVR. (If the WiFi antenna is not connected, the WiFi function will be unavailable.)

(4) MD511S MDVR: Supply power to the MDVR and connect the external power supply to the ACC cable. (Note: To enable the recording function, ensure that the ACC cable is connected to the positive terminal of the power supply and SD cards are locked.)



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(5) After the external power supply is connected, the initialized MDVR will automatically record videos, and the display will be turned on automatically and play live videos.



2.2 Configuring the MDVR

After the MDVR is installed, connect it to a network and server. You can configure the MDVR by using any of the following methods: Meitrack Manager software, SMS, and platform. In this section, I will show you how to use the Meitrack Manager software to fast configure the MDVR.



You need to install Meitrack Manager first. (Visit www.meitrack.com to download the software). After the installation is completed, connect the USB cable to a computer, and then perform the following steps to configure the MDVR.

(1) Set the IP address and port for uploading positioning data, IP address and port for uploading video data, and the user name and password of the FTP server:

GPRS	○ Close		
IP/Domain	183.234.68.78 ~	Port	8501
Backup IP/Domain		Port	
GPRS Timezone(mins)	0		

SMS configuration:

Para Setting

Send the following command to set the IP address and port for uploading positioning data: 0000,A21,1,183.234.68.78,8501,APN(for example, internet),APN_USER,APN_PASSWORD.

(2) Set the IP address of the FTP server. Video data will be uploaded to the specified FTP server.

FTP Setting			
FTP Enabled			
IP/Domain	183.234.68.78	Port 9876 🔹	
User Name	Hilmar0928	Password 000000	
Remote Director	y 861107039322830		
Maximum File Size	e(MB) 1024		Set

(3) Set the network.

There are three network connections: mobile network (3G/4G), WiFi, and Ethernet. Ethernet is the best choice, WiFi is the second choice, and a mobile network is the last choice. It means that if the MDVR is connected to Ethernet, the WiFi and mobile network will be disabled.

WiFi configuration:

As shown in the following figure, enter the WiFi SSID and password and click **Set**. The WiFi network connection is set successfully. You can click **Refresh** to search the WiFi list nearby.



Wi-Ei Settings		
Wi-Fi Mode	Station ~	Nearby WiFi List
SSID	Meitrack_YanFa	
Кеу	88888888]
		Refresh Set

Ethernet configuration:

Enter the IP address, subnet mask, gateway, active DNS server and standby DNS server.

Ethernet Settings					
IP Address	192.168.3.249				
Subnet Mask	255.255.255.0	Preferred DNS Server	233.5.5.5]	
Default Gateway	192.168.3.1	Alternate DNS Server	233.6.6.6]	Set

Mobile network configuration:

Enter the APN, APN user name and APN password, and click Set to save the settings.

PPPoE Settings		
APN		
User Name		
Password		
		Set

(4) Check whether SD cards are installed properly. When you use the MDVR for the first time, if the system detects format errors, SD cards will be initialized automatically. If "no error" is displayed as follows, it means that SD cards are initialized successfully.

Disk	Driver Type		Disk Driver Type		Current Disk	Free Space(MB)	Capacity(MB)	Free Space(%)	Error Flag		Driver Serial Number	Format Hard Disk
Disk1	Read-write	~					No error	~		Format		
Disk2	Read-write	~		41554	60905	68.23%	No error	~	3	Format		

2.3 Logging In to the Platform

Visit https://mdvr.trackingmate.com/, enter the user name and password, and log in to the platform.





Add a MDVR:

1. On the main interface, choose Management. On the page that is displayed, select Account & Tracker from Use Normal.

2. On the Account/Tracker Management window, right-click a user, and select Add new tracker.

3. On the Add new tracker window, enter related information, modify the expiry date, and click Submit.

Note: The IMEI number must be consistent with that printed on the MDVR. Otherwise, the MDVR cannot be detected by the system.





Sin	Account/Tracker Mana	Add new tracker	llan d'i Ala Ca	•0	• 8
R	Enter tracker/user nar	IMEI: Tracker passwore	861107039322830 :-		
ie F	🖬 滑 admin_test(ad	Tracker name: SIM number:			
he		Model: Expiry date:	Select a tracker	T	
Pan		Tracker icon	٧		
ME		V		*	
		V	V V 850 H	<u>•</u>	
6:: 2:4			Submit		

Check whether the MDVR is online:



Video surveillance:

Right-click a MDVR and select Video Monitor to start four-channel surveillance.









If you select a single channel, such as CH1, videos in this channel will be played.









Video playback and search:

Right-click a MDVR and select Video playback. On the page that is displayed, set Start time, End time and Channel, and click Search. The video playback will start.





12

13 14 15 16 17 18 19

27 28

20 21

t time

End tim

0

0

ad P.

22 23 24 25 26

30 31

00:00:00

23:59:59

CH1,CH2,Cł 👻

 $\exists \mathbb{N}$

Tracker File FTP File

Index

∕/∏

	Sear	ch Vic	leo Rec	cord			0
	Reci	ord Fro	im:	All	Storage	e	•
	Eve	ent:	Sele	ect eve	ents		•
	<		Janu	ary 20	19 -		>
	S	м	т	W	т	F	S
	30	31	1	2	3	4	5
	6	7	8	9	10	11	12
	20	21	22	22	24	25	19
	27	28	29	30	31	1	20
	3	4	5	6	7	8	9
	Star	t time:		00;	00:00	-	-
	End	time:		22	50.50		5
00:00:00 00	LING	unie.		23.	59.59		
	Cha	nnel:					٣
			1	Search	1		
Tracker File FTP File							
Index Channel Time Period Alarm type Storage type File Size Play Upload Cancel Upload P	1						
	1						
	L						
	L						
							_
1	Sea	rch Vi	deo Re	ecord			0
	Ren	cord Fr	om:	Al	Storag	ge	*
1	Ev	ent:	sc.)S/Inpi	ut 1 act	tive.l	Ŧ
		1					
			Jan	uary 20	019 -		>
	s	м	т	w	т	F	s



As shown in the previous figure, the icon in the Play column is used to play the current video, and the icon in the Upload



column is used to play the video and upload it to the FTP server.

Query historical positioning data:

Right-click a MDVR and select **History data report**. On the page that is displayed, click the map icon Right like the device's trips will be displayed.

G meitrack 🖒 Logout 0 5 🇿 Sj Map Satellite Traffic O et Bing OneMap Full S ch tracker e tool Se Q, -HUIHE DISTRIC 清水河 n Park Tra 30 17:06:20 HUAFU RESIDENT DISTRIC 华富 2018-09-27 19:09:20 YUANLING RESIDENTIA DISTRICT 3:40:57 Record Play Shenzhen 深圳市 G4 Real-time tracking 4:48:40 History data report Trip report 39:14 Parking repor Event report . Send command Parameter settings ê 64 🚘 Device Setting OK MA CHAL Customize

MDVR0927-322830											• 8
From: 2018-09-27	00:00 × To:	2018-09-27 🗰 23	59 👻 Spe	ed: >= ·	• 0 0	Address 🗹 Ignore drift	Q 🙎 🧏 💵	۲			
Tracker name	GPS time	Receiving time	GPS valid	Speed	Latitude	Longitude Location	Alarm type	Altitude	Direction	North An	Number of satell
MDVR0927-322830	2018-09-27 15:57:47	2018-09-27 15:57:46	Valid	0	22.513301	114.057006	Track By Time Interval	50	North	0	5 🔺
MDVR0927-322830						114.057008					5
MDVR0927-322830						114.057003					5
MDVR0927-322830						114.057001					5
MDVR0927-322830											5
MDVR0927-322830											5
MDVR0927-322830											
MDVR0927-322830											5
MDVR0927-322830											5
MDVR0927-322830											5
100000000000000000000000000000000000000											



3 Device Parameter Settings and Querying

3.1 Basic Settings

3.1.1 Setting Flash Data

SMS flash data: When the device cannot connect to a mobile network, SMS messages will not be sent out and will be stored in the flash memory of the device. When the network recovers, the device will send these messages again. At most 256 pieces of data is allowed to be stored. If there have been 256 pieces of data in the memory, original flash data will be replaced with new flash data. Flash data will be sent in a time ascending order. If you want to clear SMS flash data manually, click **Clear SMS** on Meitrack Manager software, or send the SMS command **0000,F09,1**.

GPRS flash data: When the device cannot connect to a network, GPRS messages will not be sent out and will be stored in the flash memory of the device. When the network recovers, the device will send these messages again. At most 16,384 pieces of data is allowed to be stored. If there have been 16,384 pieces of data in the memory, original flash data will be replaced with new flash data. Flash data will be sent in a time ascending order. If you want to clear GPRS flash data manually, click **Clear buffer** on Meitrack Manager software, or send the SMS command **0000,F09,2**.

GPS log data: indicates positioning data that is stored in the memory of the device and that cannot be sent out. This data can only be read by a computer. After connecting the device to a computer by the USB cable and starting the Meitrack Manager

software, press CTRL+ALT+L. The icon icon to read the will be showed on the left list of the software. Click the icon to read the GPS log data.

Buffer space allocation: Users can allocate the storage space of flash data as required. It depends on the desired amount of GRPS flash data or GPS log data.

	910			
SMS	Clear SM	IS Buffer	Clear buffer Flash 0	lear flash
(0/256	125/8192	0/65536	Clear all
lobal Settin	g			
Tracker Nam	ne			
Tracker Nam	ne			
Fracker Nam Buff Space	Allocation			
Tracker Nam Buff Space GPRS buf	neAllocation L	og buffer space		
Tracker Nan Buff Space GPRS buf 50	ne Allocation ffer space L % Total capacity (byte)	og buffer space 50%		

3.1.2 Setting the Local Time Zone

	Se	Set	Set	Set	Set	Set	Set
--	----	-----	-----	-----	-----	-----	-----

As shown in the previous figure, the local time zone indicates the time characters shown among camera OSD characters or among SMS alert texts. If the current time of the GMT 0 time zone is 12:00:00, set the local time zone to 480 minutes. Therefore, the OSD time shown on a camera is 20:00:00.

3.1.3 Formatting the Drive

After the SD card is installed, it will be formatted. (If the SD card is used for other purposes, do not install it on the MDVR). When "no error" is displayed as follows, it means that the SD card is initialized successfully and you can start to store recording data. (If the disk is not installed properly, a disk error alert will be sent automatically.) If you want to clear all recording data, click **Format**.

Driver Info										
Disk	Driver Type		Current Disk	Free Space(MB)	Capacity(MB)	Free Space(%)	Error Flag		Driver Serial Number	Format Hard Disk
Disk1	Read-write	~				99.99%	No error	~		Format
Disk2	Read-write	~		41554	60905	68.23%	No error	~	3	Format

3.1.4 Setting Auto Reboot

If the Linux system of the device runs for a long time, the device will start to lag due to a shortage of memory. In this way, you can restart the device to release the memory, which helps the device work more efficiently.

Set timing auto reboot on Meitrack Manager software, as shown in the following figure.

System Power Settin Power off Delay(set	igs cs) 10		•	Set
System Maintain Sett	ings			
Auto Reboot Day	Saturday		~	
Auto Reboot Hour		1	~	Set

3.2 Tracking Settings

3.2.1 Setting Intervals of Uploading and Recording Positioning Data

The minimum interval of recording GPS positioning data is 1 second, while the minimum interval of uploading these data is 10 seconds. Once the device enters the sleep mode, GPS positioning data will be uploaded at the interval of uploading heartbeat packets. (Set the interval of uploading heartbeat packets on Meitrack Manager software.)

GPS log interval: indicates the interval of recording GPS log data. When the interval is 0, the function will be disabled.

The device supports the following two modes:

Mode 0: The interval that the device uploads GPRS data is fixed.

Mode 1: When the ACC is on or off, positioning data will be uploaded at different intervals.

Protocol	Auto Event Report	~	<				
GPRS Mode	Mode0 ~	GPRS Report Time	0		GPS Log Interval(secs)	0	*
GPRS Interval	1 🗘 X10 secs	GPRS Interval(ACC Off)	6	X10 secs			

3.2.2 Setting the Platform Server and Positioning Data Uploading Mode

If you want to upload positioning data, select **TCP**. Otherwise, positioning data will not be uploaded.

Standby server: When the device fails to be connected to the active server, it will try to connect the standby server. <u>You are</u> <u>advised to leave this option blank if you have no special needs.</u>

GPRS time zone: By default, the time of uploading positioning data is based on GMT 0 (London time). You can set the GPRS time zone as required, as shown in the following figure.

Para Setting			
GPRS	○ Close		
IP/Domain	183.234.68.78 ~	Port	8501
Backup IP/Domain		Port	
GPRS Timezone(mins)	0		

3.2.3 Selecting Uploaded Data

Besides basic GPS information, you can select any of the following data to upload. This will help save data usage.

Select/Unselect all(Except 0	GPS basic information)			
Event code	Run time	Percentage of oil content	Tachograph performance	High Resolution Engine Total Fue
✓ Latitude	Base station info	Temperature sensor 1	Parking Brake Switch	Load at current speed
Longitude	Output port status	Temperature sensor 2	Cruise control	Engine Fuel Rate
Date and time	Input port status	Temperature sensor 3	Accelerator pedal position	Axle weight
GPS positioning status	AD1	Temperature sensor 4	Total fuel used	Service distance
Number of satellites	AD2	Temperature sensor 5	Engine speed	Instantaneous Fuel Economy
GSM signal strength	Battery voltage	Temperature sensor 6	Total engine hours	
Speed Speed	External power supply voltage	Temperature sensor 7	High resolution vehicle distance	
Driving direction	Gen-fence number	Temperature sensor 8	Engine coolant temperature	
HDOP	System flag	Vehicle speed (from tachograp	h) Fuel level	
Altitude	RFID Number	Vehicle speed (wheel based)	Actual engine torque	
Mileage	Temperature sense of Numbers	Clutch switch	Ambient Air Temperature	

3.2.4 Setting SMS Related Information

SMS password: When you send an SMS command, the SMS password is required. Otherwise, the command will not take effect. If you want to query device's location in real time, send 0000,A00.

Auto report times, SMS track No., SMS report interval: The device can send an SMS message with positioning data at a specified interval to a mobile phone. When the number of SMS reporting times reaches the preset value, SMS reporting will stop.

SMS Tracking						
SMS Password	0000	Auto Report Times	0	-		
SMS Track NO.		SMS Report Interval(mins)	0	-		
					Set	
						-

3.3 Geo-Fence Settings

A geo-fence can be set by Meitrack Manager software, an SMS command or a GPRS command.

Enter Geo-fence alert: When the device enters a geo-fence, an alert will be sent.

Exit Geo-fence alert: When the device exits a geo-fence, an alert will be sent.

Latitude	0.000000	🗌 In Alarm 📄 Out Alarm		Latitude	0.000000	🗌 In Alarm 🔲 Out Alarm
Longitude	0.000000	Map Delete		Longitude	0.000000	Map Delete
Radius	0			Radius	0	
	-		4		1	
Latitude	0.000000	🗌 In Alarm 🔲 Out Alarm		Latitude	0.000000	🗌 In Alarm 🔲 Out Alarm
Longitude	0.000000	Map Delete		Longitude	0.000000	Map Delete
Radius	0			Radius	0	
	(Income 1)		6	LILLER.	1	
Latitude	0.000000	🗌 In Alarm 🔲 Out Alarm		Latitude	0.000000	🗌 In Alarm 🗌 Out Alarm
Longitude	0.00000	Map Delete		Longitude	0.000000	Map Delete
Radius	0	, 19		Radius	0	
Latitude	0.000000		8	Latitude	0.000000	
The second s	0.000000	📋 In Alarm 📋 Out Alarm		1.00000000	0.000000	In Alarm U Out Alarm
Longicude	0.00000	Map Delete		Longicude	0.00000	Map Delete
Radius	0 🗘			Radius	0 🗘	

3.4 Alert Event Settings

The device supports about 100 types of alerts. (For details, see the Meitrack SMS Protocol.) You can set SMS notification, GPRS

notification, output port triggering (cut off the engine or trigger the buzzer) and functions of taking photos and recording videos for each type of alert.

SMS: You can set an authorized phone number on Meitrack Manager. When an alert is triggered, an SMS message will be sent to the phone number. You can also set an authorized phone number by the A71 command, for example, **0000,A71,1581111111,1582222222,1583333333**.

FTP: Select or deselect this option to determine whether videos are uploaded to the platform server after an alert is triggered. **Output:** The device has three output ports. Select or deselect this option to determine whether the buzzer is triggered, the LED indicator is on, or the engine is cut off after an alert is triggered.

Meitrack Manager 6.0.0.9															
Basic	Authorize	Alarm Header	Setting		1				GPRS	FTP	Log	Tip	Alar	m Outp	ut
	1			SMS		SMS		SMS					1	2	3
	SOS Pressed	SOS			[
GeoFence	Input 2 Active	In2 Active	2A		[I								
	Input 3 Active	In3 Active	0. 0		E		I								
Event	Input 4 Active	In4 Active			[l		\square						
	Input 5 Active	In5 Active			[1								
Peripheral	Input 6 Active	In6 Active			[I								
	Input 7 Active	In7 Active			[l								
Maintain «	Input 8 Active	In8 Active			[-	1								
Network	Input 1 Inactive	In1 Inactive			E		I								
	Input 2 Inactive	In2 Inactive			[I		\square						
Video	Input 3 Inactive	In3 Inactive			[I								
	Input 4 Inactive	In4 Inactive			[I								
	Input 5 Inactive	In5 Inactive			[I		\checkmark						
	Input 6 Inactive	In6 Inactive			[1								
	Input 7 Inactive	In7 Inactive			[I								
	Input 8 Inactive	In8 Inactive			[]	1								

	Ala	arm Outp	out	Record De	lay(secs)		C	Н1			C	H2		
Event	1	2	3	0	-	🗌 Video	Shoot	Tour	OSD	🗌 Video	Shoot	Tour	OSD	🗌 Video
SOS Pressed				300	*									
Input 2 Active				300	\$									
Input 3 Active				300	-									
Input 4 Active				300	÷									
Input 5 Active				300	-									
Input 6 Active				300	-									
Input 7 Active				300	-									
Input 8 Active				300	-									
Input 1 Inactive				300	-									
Input 2 Inactive				300	\$									
Input 3 Inactive				300	-									
Input 4 Inactive				300	-									
Input 5 Inactive				300	-									
Input 6 Inactive				300	-									
Input 7 Inactive				300	-									
Input 8 Inactive				300	-									

3.5 Peripheral Settings

3.5.1 Setting Output Ports

Trigger mode: Select the low level output (0 V) or open drain output (reserved).

Trigger time: indicates the output time of output ports. If the time is 0, it means continuous output.



Гуре	Output	~ 1 ~	Trigger Mode	Low level \sim	Trigger Time(10ms) 10	T	
Туре	Output	× 2	Trigger Mode	Low level \checkmark	Trigger Time(10ms) 10		
Гуре	Output	× 3 ×	Trigger Mode	Low level \sim	Trigger Time(10ms) 10		

3.5.2 Setting a Fuel Level Sensor

Fuel sensor type: There are four types of fuel level sensors: capacitive fuel level sensor, resistive fuel level sensor, voltage-type fuel level sensor and ultrasonic fuel level sensor. If the sensor is an A53 or A54 fuel level sensor, select **Voltage-type** on the interface.

Oil Change Time Range (min): Parameter value 3 is recommended.

Oil Change Value (%): Parameter value 2 is recommended.

High Oil Alarm Value (%): Parameter value 90 is recommended.

Low Oil Alarm Value (%): Parameter value to 20 is recommended.

l Sensor							
Fuel Sensor Type 0-None	~						
Oil Alarm							
High Oil Alarm Value(%)	0	-					
Low Oil Alarm Value(%)	0						
Add Oil Alarm			Steal Oil Alarm				
Oil Change Time Range(min)	0	*	Oil Change Time Range(min)	0			
Oil Change Value(%)	0	-	Oil Change Value(%)	0	÷		
		0.00			10		s

3.5.3 Setting Peripheral Parameters

RFID ignition (Output 1): The engine will start after you select this option and swipe authorized RFID card. When the ACC is off for one consecutive minute, the RFID card needs to be authorized again to start the engine. (The option will take effect after you select **Output 1** of the **RFID** row on the **Event** tab page of Meitrack Manager.)

Speedometer: Set the parameter to determine whether the GPS speed or RPM speed is used. If the RPM speed is used, it needs to be calibrated.

RX232/485: Only the RFID reader can be connected.

RX232/EXT: The LED display, ultrasonic fuel level sensor and RFID reader can be connected.

RFID ignitio	n(Output 1)		Speedo	ometer	GPS	~	Vehicle Transfer Coefficient	3600	
									Set
Peripheral	PETO		Setting	Paud rate		10200			Set
'eripheral RS232/485	RFID	~	Setting	Baud rate	~	19200	~		Set

3.6 Vehicle Maintenance Settings

Maintenance warnings can be sent based on the driving mileage and maintenance cycle.



Last Maintenance Mileage(km)	Last Maintenance Date	Maintenance	Mileage Poi	nt(km)					
0	1/ 1/1990	0	0	0	0	0	0	0	0
irst Maintenance Mileage(km)	Maintenance Cycle(km)	Maintenance	Date						
)	0	1/ 1/1990		1/ 1/1990		1/ 1/1990		1/ 1/1990	
laintenance Cycle(Month)		1/ 1/1990		1/ 1/1990		1/ 1/1990		1/ 1/1990	

3.7 Network Settings

3.7.1 Setting the FTP Server

You need to set the GPRS server (TCP/UDP protocol transmission) and FTP server (FTP protocol transmission; used to store large videos) for the MDVR.

User Name and Password: Before uploading videos to the FTP server, you need to enter the user name and password to log in to the server. If you do not enter the user name or password, the login fails. In this way, you cannot use the FTP server to upload videos.

Remote Directory: indicates the name of the file that stores video data. For example, **861107039322830**, indicating that video data is stored in the FTP server's file folder whose name is **861107039322830**.

Maximum File Size (MB): Parameter value 1024 is recommended.

FTP Setting				
FTP Enabled				
IP/Domain	183.234.68.78	Port 9876		
User Name		Password		
Remote Director	y 861107039322830		 1	
Maximum File Size	e(MB) 1024		2	Set

3.7.2 Setting Networks

PPPoE Settings: To connect the GPRS network, you must enter a correct APN. If there is a user name and password, enter these information. If not, leave the two parameters blank.

Ethernet Settings: The DHCP is not enabled for the MDVR, so you have to enter a fixed IP address and related information.

Wi-Fi Settings: At present, the MDVR's WiFi only support the Station mode. Select a WiFi hotspot nearby according to your preferences.



Check Network I	nformation				
PPPoE Settings					
APN		1			
User Name		1			
Password		1			
					Set
Ethernet Settings					SALAN
IP Address	102 168 3 240				
C heat Med	255 255 255 0	Defend DUC Com	222 5 5 5		
Subnet Mask	255.255.255.0	Preferred DNS Server	233.5.5.5		
Default Gateway	192.168.3.1	Alternate DNS Server	233.6.6.6		Set
Wi-Fi Settings					
Wi-Fi Mode	Station ~	Nearby	WiFi List		
SSID	Meitrack_YanFa	1975 1977			
Key	8888888				
			Dofrach		Cot
			Kerresh		Sec

Check Network Information: Click **Check Network Information** to check the current mobile network, WiFi network or LAN network information.

urrent Network	WiFi		
SM			
SM Status	Normal 🗸 🗸	GSM Type	2G 🗸
imcard Ready	Ready 🗸	GSM CSQ	23 🌲
imcard Number		GSM IMEI	861585040494468
imcard IMSI	460042348609456	Connect State	Not dial-up 🔍
/iFi			
ViFi Status	Normal	WiFi SSID	Meitrack_GuoJi
ViFi Mode	Station \vee	WiFi Signal Value	a 30
P Address	192.168.3.223	MAC Address	65-63-3A-33-64-00
ubnet Mask	255.255.255.0	Preferred DNS Server	202.96.134.133
efault Gateway	192.168.3.1	Alternate DNS Server	223.5.5.5
AN			
AN Status	Not Found 💦 🗸 🗸		
P Address	192.168.3.223	MAC Address	34-32-3A-30-31-3A
ubnet Mask	255.255.255.0	Preferred DNS Server	223.5.5.5
efault Gateway	192,168,3,1	Alternate DNS Server	223.6.6.6

FTP settings: You can determine whether to upload MDVR videos to the FTP server. If yes, set the IP address, port, FTP login user name and password, and FTP directory. Video uploading will consume network resources, so you can set the maximum file size.



FTP Setting				
FTP Enabled				
IP/Domain	183.234.68.78	Port 9876 🖨		
User Name		Password		
Remote Directory	861107039322830			
Maximum File Size	(MB) 1024 🚔			Set

Route settings: As shown in the following figure, the route mode supports four options: Auto, GSM, WiFi and Ethernet. If **Auto** is selected, the MDVR will first detect the Ethernet network, then the WiFi network, and finally the GSM network.

Route Settings					
Route Mode Auto	~			Cot	
Auto				560	
Option Wi-Fi	Upgrade	Syncornize Parameters	Factory	Load Settings From File	Sav

3.8 Video Settings

3.8.1 Setting Basic Video Parameters

Disk Full Strategy: When the disk space is full, determine whether to continue to record videos, replace old videos with new ones, or stop recording.

Alarm Storage Percentage (%): When the disk space reaches the preset percentage value, a disk full alert will be sent. In this way, users can replace the disk with new one or clear the disk to prevent video losses.

Alarm Snapshot Interval (secs) and Alarm Snapshot Number: Set the interval of taking photos and the number of photos for an alert (such as a speeding alert).

DVR Basic Settings						
Video Format	PAL	~				
Disk Full Strategy	Cover	~	Alarm Storage Percentage(%)	80	•	
Alarm Snapshot Interval(secs)	1	-	Alarm Snapshot Number	10		

3.8.2 Setting Video Encoding

Storage Stream: The device stores recorded video streams, that is, the bitrate of the source video files. Videos stored on the device and FTP server are storage streams.

Live Stream: indicates a data stream that is uploaded to the platform in real time instead of the FTP server. When you monitor the device in real time via the platform, the data stream obtained is a live stream. It is different from the storage stream. The quality of the live stream is relatively rough, and data usage consumption is relatively low. After the live stream is obtained, it will be deleted immediately and will not be saved.

Bit Rate Type: A video has the constant bitrate (CBR) and variable bitrate (VBR). For the CBR, data usage consumption is relatively constant. The VBR is a dynamic bitrate. When an image is still and appears repeatedly, the camera will reduce the bitrate, which helps save data usage. Compared with the CBR, it can help save about 5% to 80% of data usage (depending on how many images appear repeatedly).

Frame Rate (FPS): Frame rate is the frequency (rate) at which consecutive images called frames appear on a display. The larger the number of frames is, the smoother images are. It is recommended that the parameter value should be greater than 20. If the frame rate is lower than 15 FPS, images will be discontinuous.





orage Stream			Live Stream			
Resolution	720P(1280*720)	~	Resolution	D1(704*576)	~	
Bit Rate Type	VBR(Variable Bit F	×	Bit Rate Type	VBR(Variable Bit I	R ~	
Quality	low	~	Quality	lowest	~	
Frame Rate(FPS)	25	~	Frame Rate(FPS)	25	\sim	
Bit Rate(Kb/s)	2048	· ·	Bit Rate(Kb/s)	512	80	
I Frame Interval(secs)	2	~	I Frame Interval(secs)	2	~	
The disk space require 1000.00 MB/H.	d for video recordii	ig in channel 1 unit time estimated to be:	The network speed re KB/secs.	quired for channel	1 preview	video is expected to be: 64.00

3.8.3 Calculating Data Usage

Video data usage depends on the size of uploaded data streams. The data usage for live preview is calculated based on the bitrate of live streams, while the data usage for video playback is calculated based on the bitrate of storage streams. Calculation formula: Bitrate (Kbs)/8 x Number of channels x 3600/1024 = Data usage consumption per hour (MB) Note: The above data usage only includes video usage.

For example, if the bitrate is 2048 Kbs and four cameras work at the same time, the data usage consumption per hour is 3600 MB ($2048 / 8 \times 4 \times 3600 / 1024 = 3600$).

Theoretically the data usage consumption per hour is 3,600 MB.

3.8.4 Setting Recording Time

After the MDVR is turned on, all cameras start working and recording by default. Users can set specific time periods of video recording.

deo Packing L	engt	th(mins) 60		*									
Video Period		P	erio	d 1	Pe	erio	d 2	Per	rioc	d 3	Per	rioc	14
Sunday		12:00:00 😫	-	11:59:59 ≑	12:00:00 😫		11:59:59 ≑	12:00:00 😫	-	11:59:59 ≑	12:00:00 😫	-	11:59:59 ≑
Monday		12:00:00 韋]	11:59:59 ≑	12:00:00 韋	-20	11:59:59 ≑	12:00:00 ≑	-	11:59:59 ≑	12:00:00 ≑	-28	11:59:59 ≑
Tuesday		12:00:00 😫] -	11:59:59 ≑	12:00:00 ≑	-	11:59:59 ≑	12:00:00 ≑	-11	11:59:59 ≑	12:00:00 ≑	-1	11:59:59 ≑
Wednesday		12:00:00 韋	-	11:59:59 ≑	12:00:00 😫	-38	11:59:59 🗢	12:00:00 😫	-	11:59:59 ≑	12:00:00 ≑	-	11:59:59 ≑
Thursday		12:00:00 🖨] -	11:59:59 ≑	12:00:00 🗘	-	11:59:59 ≑	12:00:00 🖨	-2	11:59:59 ≑	12:00:00 ≑	-	11:59:59 ≑
Friday		12:00:00 ≑		11:59:59 ≑	12:00:00 ≑	-36	11:59:59 ≑	12:00:00 ≑	-8	11:59:59 ≑	12:00:00 ≑	-38	11:59:59 ≑
Saturday	\square	12:00:00 🖨		11:59:59 ≑	12:00:00 韋	-	11:59:59 ≑	12:00:00 ≑	-	11:59:59 ≑	12:00:00 ≑	-0	11:59:59 🜩

3.8.5 Setting OSD Parameters

Users can determine whether to display related OSD information on the video screen, such as the license plate (device name), latitude, longitude and satellite positioning speed.

OSD Parameter S	ettings					
OSD Settings	License plate number	☑ LatitudeLongitude	☑ Satellite positioning speed	🗹 Continuous driving time	🗹 Continuous driving mileage	Alarm Info
						Cot
						Sec

4 Configuring the MDVR by Using the LAN Web Page

You can use the LAN to configure the MDVR. There are two methods as follows:

- 1) Connect the computer and MDVR to the same WiFi hotspot, and then configure the MDVR on the web page.
- 2) Connect the MDVR to the Ethernet, ensure that the computer and MDVR are in the same LAN, and then configure the MDVR on the web page.

You need to obtain the IP address of the LAN connected to the MDVR. (To obtain the IP address, you can connect the MDVR to Meitrack Manager to check the network status, send a command to query the network status, or contact the LAN administrator.) After entering the MDVR IP address in the address bar of your web browser, you can configure the MDVR on the web page.



On the web page that is displayed, enter the user name and password (default user name: admin; default password: 000000), and log in to the system. Then configure the MDVR on the web page. The configuration method is similar to that of Meitrack Manager.

MEITRACK DVR	- Davica base info		D		ttings				
Basic	Eirmware version		Tr	ackor Namo	tungs				
Tracking	MD522S_G4PG3W1_H100V44.2	74		icker manne					
Event	IMEI		GP	RSLog					
Peripheral	861585040494468		To	tal					
Network	SN		Siz	Size(bytes):4194304,GPRS:50%,GPSLog:50%					
Video	53584800002			_	_				
Import&Export/Update				Read W	/rite				
	DVR Version		Lo	cal time zone	e				
	App ver		Lo	Local time zone(min)					
	MD522S_G4PG3W1_V44		0						
	Web ver		_						
	1.18.12.25			Read V	Inte				
	Driver Info			-	1	1			
	Drive type	Work Disk	Total Space(MB)	Free Space(MB)	Error flag	Driver serial number	Format		
	Readable and Writable drive •		60905	0	No error	3	Format		



MEITRACK DVR						
Basic	GPRS Tracking		SMS tracking	SMS tracking		
Tracking	GPRS	Close 🔹	Tracker Password	0000		
Event	IP/Domain	67.203.15.7	SMS reporting times	0		
Peripheral	Port	10003	CMC tracking NO			
Network	Standby IP/Domain		Sivis tracking NO.			
Video	Standby II / Domain		SMS interval(min)	0		
Import&Export/Update	Port			_		
	GPRS Timezone(min)	0	Read	Read Write		
			Upload Information Se	elect		
	GPRS transmission	Auto overt report	Select All	V	-	
	mode	Auto event report	Latitude	1		
	GPRS Mode	Mode 0 🔹	Longitude		_	
	GPRS reporting		DateTime	2		
	times	0	GPS Locate Sta	itus 🖉		
	CDC log interval(s)	0	Satellite			
	GPS log Interval(s)	U	GSM Signal	 Image: A start of the start of		
	GPRS data	6	Speed			
	interval(x10s)	1. <u> </u>	Direction	2		
	GPRS interval(ACC	6	Locate Accura	icy 🗹		
192.168.3.186	off X10s)		Altitude			

5 Connecting the MDVR to the LCD Display



Button Name	Description
POWER	Used to manually turn on or off the LCD display. (After the MDVR is powered
	on, the LCD display connected to the MDVR will be turned on automatically.)
MODE	1. Used to select the Night or Glare mode.
	2. Used to switch to the next parameter option.
MENU	1. Used to open the parameter settings interface.
	2. Used to switch to the next parameter interface.
+	1. Used to turn the volume up.
	2. Used to increase the parameter value.
	3. Used to select the next option.
-	1. Used to turn the volume down.
	2. Used to decrease the parameter value.
	3. Used to select the previous option.



Button Name	Description
V1/V2 (reserved)	Used to select a signal source. (reserved)

5.1 Setting the Language

To set the language according to your preference, press the **MENU** button for four times, and then press the **+** button for several times.



5.2 Setting the Night or Glare Mode

On the video playing interface, press the **MODE** button to set the Night or Glare mode.







5.3 Setting the Brightness and Contrast Ratio

Press the **MENU** button. Then you can press the **MODE** button to select the brightness or contrast ratio item, and press the **+** or - button to adjust the brightness or contrast ratio.

You can select **RESET** and then press the + or - button to restore the brightness and contrast ratio to factory settings.



5.4 Adjusting the Volume

Press the **MENU** button for two times. On the volume settings interface that is displayed, press the + or - button to turn the volume up or down respectively.





5.5 Rotating Images

Press the **MENU** button for three times, and then press the + button to horizontally or vertically rotate images.









5.6 Showing Camera Channels

Press the **MENU** button for four times, and determine whether to show camera channels on the LCD display.





5.7 Playing a Single Image in Full Screen

After the LCD display is connected to a mouse, double-click an image on the LCD display to play it in full screen.







5.8 Setting Parking Guidelines

To set parking guidelines, press the **MENU** button for five times, the **+** button for once, the **MODE** button for once, and then the **+** button for once.







5.9 Setting the Delay Time of Image Playing

Press the MENU button for five times to set the delay time of camera images that play on the LCD display.



6 MS03 Web Platform

You can visit mdvr.trackingmate.com and log in to the MS03 platform. On the platform, live streams of the MDVR can be loaded (real-time monitoring), and recording files can be stored (large files are stored on the FTP server).





After logging in to the platform and adding the MDVR, you can use the positioning function, monitor the MDVR in real time, play back videos, query alert videos, and make a call.



6.1 Real-time Monitoring

Right-click the MDVR, and select Video Monitor and a camera surveillance channel to play videos.





You can select the number of channels to be played as required.



As shown in the following figure, select SubStream or Main Stream to play videos.



Stream Type 👻					
Main Stream					
SubStream					
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
Screen capture					
EI: Video recording. You ne	ed to install Me	itrack soft	ware MDVR Vi	deo Tools, as sho	own in the following figures
🕷 WFRecord - InstallShield V	Wizard			×	
	Welcome to WFRecord	the Insta R) Wizard w htinue, click M program is pr tites.	IIShield Wizar II install WFRecord lext. otected by copyri	r <b>d for</b> d on your ght law and	
MDVR Video tools v1 5				— п х	ľ
Language English +   Save path D	0:\2_software\WFRecc	ord\stream\			
No Device	name	Channel	State	Operation	
1     08615850       No     Device name     Minute       Ch	annel Creat time	File name	Recording	Stop	
Device name □ Date from 2019年 1月25日 □	<ul> <li>✓ Channel</li> <li>▼ To 2019年 1月</li> </ul>	~ 25日 ∎▼		Filter	



When the video recording is finished, click **Stop**.

💀 MD	VR Video tools v	/1.5				8	- 🗆 X
Langua	age English	Save pat	h D:\2_soft	ware\WFRecor	d\stream\		
	No	De	vice name		Channel	State	Operation
	1	08615	850404944	68	1	Recording	Stop
No	Device name	Minute	Channel	Creat time	File name	/	/
Device	e name		~	Channel	~		
Date	e from 2019年	■ 1月25日		2019年 1月	25日		Filter

The video file is stored in the D:\2_software\WFRecord\stream directory.

	No		Device r	name	Channel	State	Operation
1 0861585040494468			)494468	1	Stopped	Stan	
No	Dev	ice name	Minute	Channel	Creat time		File name
0	086158	5040494468	0.23	1	2019/01/25 15:01:45	mdvr_086158504	40494468_1_2
1	086158	5040494468	1.76	1	2019/01/25 15:00:16	mdvr_086158504	40494468_1_2

Double-click the related item to open and play the video.

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✓×: Mute or not

### 6.2 Video Playback

Right-click the MDVR and select Video playback.



Select related videos based on events.

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	Search Video Record
	Record From: All Storage 👻
	Event: Select events    SoS/Input 1 active
	( Input 2 Active )
	S M Input 3 Active S
	6 7 Input 5 Active 12
$\sim$	13 14 Input 6 Active 19
	20 21 Input 7 Active 26
	27 28 Input 8 Active 2
	g dart time: e
	Input 2 Inactive
00.00.00	End time: Input 3 Inactive
	Channel:
Tasker File	Search
Index Channel Time Period Alarm type Storage type File Size Play Upload Cancel Upload P	
8	Search Video Record
1	Record From: All Storage 👻
	Event: 🕑 SOS/Input 1 active,I 👻
	( January 2019 - )
	S M T W T F S
	30 31 1 2 3 4 5
	6 7 8 9 <mark>10 11</mark> 12
	13 14 15 16 17 18 19 20 21 22 <b>23</b> 24 25 26
	27 28 29 30 31 1 2
	3 4 5 6 7 8 9
	Start time: 00:00:00 -
	End time: 23:59:59 *
00:00:00	Channel: CH1,CH2,CF -
O	Search
Tracker File FTP File	Search
Index Channel Time Period Alarm type Storage type File Size Play Upload Cancel Uploa	
1 CH1 19-01-23 00:00:01-00:05:00 00:04:59 Main Storage 64.040MB 🖝 🕚 🛛 📥	
2 CH1 19-01-23 00:05:00-00:10:00 00:05:00 Main Storage 63.503MB 💽 🛇 🛛	
3 CH1 19-01-23 00:10:00-00:15:00 00:05:00 Main Storage 63.702MB 💽 💟	
C         Page         1         of 92         Displaying 1 - 10 of 918	l
. Flay	
0	



### 6.3 Two-Way Calling

Right-click the MDVR and select **Tracker Talk**.







Bing OneMap Full Scre	een Distance tool Sea	arch tracker	53	Enter tracker/u	ser name to be	Q, On	line filter 💌 👻	. 0 .
				■ + +	Channel	Status	Tracker name +	Last uploa
Tracker Talk			• 3	• @@			MD522S_7556	2019-01-24
MD522S_7556				• 🙆 _			Hilmar_MDS4468	2019-01-12
				2	Real-time tra	cking		
					Video Monito	or 🕨		
					Stop Talk			
					History data	report		
		Ŷ			Video playba	ck		
					Trip report	_		
		Start Talk			Event report	n		
			-		Send comma	and		
				C	Parameter se	ettings		
-					Device Settir	g		
ne					Customize N	lenus		
. ( <u>.</u>								
Ring OneMan Full Scroon	Distance tool Conro	ch tracker						
bing oncivity Pull Screen	Distance tool Search		53	Enter tracker/use	er name to be (	Q Onlir	ie filter 👻	
Tracker Talk					Channel S	tatus	Tracker name ↓	Last upload
							MD522S_7556	2019-01-24
MD522S_7556	_			• (ø)			Hilmar_MDS4468	2019-01-12
Hilmar_MDS4468	9							
	N							
		Y						
	1							
	1	Start Talk						
	1							
	1							
	1							
-	1							

You can talk with multiple users.

Select the users to call, and click Start Talk to start broadcasting.



## 7 MS03 App

### 7.1 Logging In to the App



### 7.2 Checking MDVR Online Status

If the green signal icon is displayed, it means that the MDVR is online.





### 7.3 Video Surveillance

Click MDVR on the map, or choose MDVR on the Management page. Then the video surveillance page will be displayed.





17:22		🖸 🤶 .iul + 🗔 20
<	MD522	2S_6382
CH1	▶ <() HD 23	СН2 (•) <(•) но 25
0110	C) 42	
СНЗ		CH4 (b) (j) HD 23
0		∑
	Q	
	MONITOR	РНОТО

Click to play videos of corresponding channel. Click to start four-channel surveillance.





### 7.4 Other Icons







0

: Cradle head (not supported now)

: Video recording

: Screenshot. Screenshots are stored on your phone. You can click **PHOTO** to view screenshots (as shown in the following figure), or locate and view screenshots on your phone memory.







: Used to select a camera channel, monitor the device, and track the device's location.





## 8 Playing MDVR Videos by Using MT Player Software

## 8.1 Installing MT Player

Unzip the fi	e 🔚 MTPlayer	Setup.rar	, and double-click the	e file	Setup.exe	to install the
software ac	cording to the setup	wizard.				
MT Player Setup	Welcome to the MT Player Setup Wizard The Setu Nisar oil alon you to change the ney MT Rep features are installed on your compare of even to remove MT Player from your compare. Give Next To continue of "Cancel" to exit the Setup Witard.	X  The Player Setup Select Installation Folder This is the folder where MT Player will be installed. To netal in this folder, did: 'Next'. To install to a d To netal in this folder, did: 'Next'. To install to a d To install for the folder. Fil	- X MT Player Se Recedy to Instit The Statup With firent folder, enter it below or disk bigense	tup all and is ready to begin the MT Player installation and is ready to begin the MT Player installation. I show the installation, if you want to review or change any o funge, did. "Bod.". Click "Cancel" to exit the witand.	vyoar ,	
	< Back Next > Cancel	Advanced Installer	Advanced Installer	< Back State	Cancel	





nt Player Setup	× 5 MT Playe	r Setup	mpleting the MT Player	×
Please wat while the Setup Wizard natals MT Player. This may take several minutes. Status: Copying new files		Cicke	he "Finish" button to exit the Setup Wizard.	
Advanced Installer	ancel		< Back Enish	Cancel

### 8.2 Setting MT Player Parameters

### 8.2.1 Setting the Language

As shown in the following figure, select <b>English</b> or <b>Chinese</b> from the <b>Language</b> drop-do	wn	list,	and	click <b>OK</b> .
🔐 MTPlayer v1.0.0.0	0		×	

O Local Disk Device Disk O Server	Video Trajectory Video and Trajectory
-Search	
Fig. Forest Date	
Heromat Both	
Search	💀 Settings 🛛 🕹
File Name Size	_ General Settings
	Language English 🗸 Map Baidu 🗸
	Chrise English
	- Diff Sattings
	Image Path D:\2_software\Metrack software\MT Player\screen\
	Video Path D:12 software\Metrack software\MT Player\Export/Video\
	FTP Server Settings
	IP 192.168.3.180 Port 9876
	User admin Password Connect
	OK Cancel
	x1.0
	0:00:00/00:00:00
	< Pause Stop >  << >> Shot ■ Mute ■ O 1 ● 4 ● 9
-	Chart
	1454
MTPlayer v1.0.0.0	- L X
MTPlayer v1.0.0.0	File
Settings Check GPS Data Translate Check GPS Data Server	Rin
MTPlayer v1.0.0.0     Settings   Check GPS Data   Translate     O Local Disk      Device Disk      Server     Search	RC Video Trajectory Video and Trajectory
MTPlayer v1.0.0.0 Settings   Check GPS Data   Translate O Local Disk O Device Disk Server Search Path C:(Users\IT\Documents	Ric Video Trajectory Video and Trajectory
Bettings         Check GPS Data         Translate           O Local Disk         Device Disk         Server           - Saarch         Path         CiUsers)ITi/Documents            Fle Format         Both         V         V	File Video Trajectory Video and Trajectory
Settings Check GPS Data Translate     O Local Disk © Device Disk © Server     Search     Path C:\Uses\IT\Documents     Fle Format Both      Search	Ro Video Trajectory Video and Trajectory
Settings (Check GPS Data   Translate     O Local Dak Device Dak Server     -Seach     Path (C\Users\IT\Documents     Fle Formst Bath Search     Fle Name Size	File Video Trajectory Video and Trajectory
Settings (Check GPS Data   Translate     Settings (Check GPS Data   Translate     O Loci Dak © Device Dak © Server     Search     Path CLUses(JTI)Documents     Fle Format Both          Fier Name Size	File Video Trajectory Video and Trajectory  General Settings Language Chinese V Map Badu V
With The System         Check GPS Data         Translate           O Local Dak         Device Dak         Server           -Search         Path         CitizensUTIDocuments            File Format         Both         Search         Search           File Name         Size         Size         Size	File Video Trajectory Video and Trajectory Video and Trajectory
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The calendar language is consistent with the computer system language.







### 8.2.2 Setting the Map

As shown in the following figure, select **Baidu** or **Google** from the **Map** drop-down list, and click **OK**. After the software is restarted, the setting will take effect.

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		OK Cancel



### 8.2.3 Setting the Storage Path

• Photo storage path

You can modify the photo storage path as required.



• Video storage path

You can set the storage path of conversed videos as required. As shown in the following figure, export the video CH1.mp4 to the F:\ExportVideo\ directory.

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### 8.2.4 Setting the FTP Server

As shown in the following figure, locate **FTP Server Settings**, set the IP address, port, user name and password, and click **Connect**. Then the file storage list on the FTP server will be obtained.





### 8.3 MT Player Functions

#### 8.3.1 Playing Videos

#### 1. Play videos stored in local disks.

You can use any of the following methods to read videos stored in local disks.
1) Insert an SD card into a card reader, and plug the card reader into a computer.
2) Take a disk out of the MDVR, and connect the disk to a computer by the USB cable.
Locate a video in .avmsg or .mp4 format on local disks of your computer.



### 2. Play videos stored in MDVR disks.

To read a disk, connect the MDVR installed with an SD card or a disk to a computer by the USB cable.

Once any video stored in MDVR disks is detected by MT Player, the icon will be displayed. If a black bold date appears on the calendar, it means that there are videos recorded on that day.





You can select Normal to play a complete video or Alarm to play an alert video.





Double-click the name of a video file. Then the video will be played automatically.





You can also download the video, and then play it.

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2018-10-17 11:23:31_2018 2018-10-17 12:49:50_2018	
- 2018-10-17 14:22:34_2018 - 2018-10-17 14:24:16_2010 - 2018-10-17 14:22:02 2018 v1.0	
2018-10-17 14-28:11 2018	00:01:22/00:01:31
-2018-10-17 15:00:00_2018	

#### 3. Play videos stored in the FTP server.

After you click **Server**, MT Player will be connected to the FTP server automatically. Users can change the FTP server IP address and port as required.

Click Get Files. Then all .avmsg files will be displayed, while files in other format will not be shown.



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CH4_2018090711285 Complete F:\FT			
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Locate the videos to be downloaded, and click **Download**. During downloading, the downloading progress and file storage path will be displayed.





File Name         Status           CH1_201809071128 [±] Complete <u>F:\FT</u> Torretion         Torretion           Torretion         Torretion           CH4_201809071112         CH1           20180907112858         CH1	20180907113358 10 0 1 1 In2 Inactive.avmsq
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Double-click the name of a video file. Then the video will be played.

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During video playing, you can perform the following operations:

- Play, stop, fast forward, and slow forward the video.
- Adjust or turn off the volume.
- Select one-channel, four-channel or nine-channel image playing.
- View the data change chart. Data includes the speed, fuel level, AD, etc.
- Simultaneously play related positioning locations.



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### 8.3.2 Querying GPS Positioning Data

After selecting a video on the following page, you can obtain the GPS positioning data generated during the video recording and export these data to an Excel file.

Note:

- GPS positioning data cannot be queried while videos are being played. Otherwise, an error warning will pop up.
- Recorded videos support two formats: **.avmsg** and **.mp4**. If you want to read GPS positioning data, you must select a video in **.avmsg** format.

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	Track By Time Interval	9/7/2018 3:29:04 AM	Valid	22.513605							33	
	Track By Time Interval	9/7/2018 3:29:05 AM	Valid	22.513605							33	
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#### 8.3.3 Conversing the Video Format

At present, videos in **.avmsg** format can be conversed to those in **.mp4** format, while videos in **.mp4** format cannot be conversed to those in **.avmsg** format.

Choose **Translate File**. On the **Conversion File** dialog box that is displayed, select the video file to be conversed on **Source File**, set the storage path and file name of the conversed video on **Target File**, and click **Conversion**. After the video format is conversed successfully, the video file name will be displayed on the file list of the left pane.



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uput #U, g/2b, from P:\\output.g/2b : Dumation: 00:02:07 40, bitmato: 22 kb/c	
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Duration: N/A, bitrate: N/A	
Stream #1:0: Video: h264 (Baseline), yuv420p(progre	ssive), 1280x720, 5 fps, 5 tbr, 1200k tbn, 50 tbc
ream mapping: Stream #1:0 -> #0:0 (conv)	42
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ess [q] to stop, [?] for help	43
ac @ 0377f5c0] Too many bits 8832.000000 > 6144 per f	rame requested, clamping to max
tput #0, mp4, to F:\FTPFile\861107038754439\2018-09-	07\CH4. mp4´:
encoder : Law158 5 101	
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) tbn, 25 tbc	
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You can find the conversed **.mp4** video file from the following path.



If you have any questions, do not hesitate to email us at info@meitrack.com.