

Caimore 3G/4G MNVR

User Manual V2.0

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1.1 Interface and accessory appearance

The series adopts industry-standard, fully enclosed, all-aluminum structure design, thermal performance, with a dustproof, radiation protection, anti-electromagnetic interference function, and beautiful appearance.



Pic. 1-1-1 Product appearance





Pic.1-1-2 Interface diagram





Pic. 1-1-3 Product accessory

When you get the device, first set all cable like pic. 1-1-2, then connect the device to the computer with a network cable or the equipment and computer lines respectively connected to the same router. After power supply, follow these steps to complete setting before first use

1.2 Local network connect configuration

Default Gateway 192.168.9.255, IP address some with gateway, as pic. 1-2-2 showed.



Internet 协议 (ICP/IP) 属	性 ? 🛛	Internet 协议 (ICP/IP)	属性 ? 🔀
常规		常规	
如果网络支持此功能,则可以获取 您需要从网络系统管理员处获得适	自动指派的 IP 设置。否则, 当的 IP 设置。	如果网络支持此功能,则可以家您需要从网络系统管理员处获得	获取自动指派的 IP 设置。否则, 影适当的 IP 设置。
○ 自动获得 IP 地址 @)		○ 自动获得 IP 地址 (0)	
┌️ 使用下面的 IP 地址(⊆): —_		──●使用下面的 IP 地址(S):	
IP 地址(L):	192 . 168 . 1 . 242	IP 地址(I):	192 . 168 . 9 . 242
子网掩码(U):	255 . 255 . 255 . 0	子网掩码(U):	255 .255 .255 . 0
默认网关 (2):	192 .168 . 1 . 9	默认网关 @):	192 .168 . 9 .255
○ 自动获得 DNS 服务器地址 @)	○自动获得 DMS 服务器地址	(E)
┌️⊙ 使用下面的 DWS 服务器地址	(E):	● 使用下面的 DNS 服务器地	址(医):
首选 DNS 服务器(P):	8.8.8.8	首选 DNS 服务器(P):	8.8.8.8
备用 DNS 服务器(A):	· · ·	备用 DNS 服务器(A):	· · ·
	高级 (火)		高級 (火)
	确定取消		确定取消

Pic. 1-2-1 Before local network

Pic 1-2-2 After local network

connect configuration

connect configuration

1.3 Login configuration

Open IE (Suggest up IE6.0), put: http://192.168.9.1 in Address bar, which is the factory

default IP address, system prompts login like pic. 1-3-1

User name:	caimore
Password:	•••••
	Login
	LUEIII GILLIGSE
Tips:	
Tips: 1. The system's user	name and password is obtained
Tips: 1. The system's user automatically, users	name and password is obtained do not need to enter a user name
Tips: 1. The system's user automatically, users and password to log :	name and password is obtained do not need to enter a user name into the system.



Pic. 1-3-1 WEB Login

The default user name and password;

user name: caimore password: caimore

Enter WEB parameter configuration main interface, like pic. 1-3-2. There are 6 Video

configurations and system debugging features: Basic configuration, network parameter, video

parameter ,alarm parameter ,front-end parameter,DTU parameter

Network Video Server	Video set Debugging
Let defaul Reboot Tip: 1. NOTE: 1. After changing marameters, if you want the device running with parameters, if you want the device running with parameters don't forget to click ("OK" button: By clicking this button: By clicking this button	Basic set Network set Video set Alarm set Device set DTU set • Date & time • Video server information • Video encryption • Video decryption • Video decryption • User management • Restore default settings • System Upgrade • System Upgrade

Pic. 1-3-2 WEB main interface

∻ Notice:

Most parameter take effect whrn you click "OK", but some parameter need to restart the

device ,when you setting it please notice the word . Restart the device please click





1.4 Date and time seeting

Synchronous node:	Manual synchroniza	tion 🔽			
)evice Time cone:	GMT+08:00	*			
Device Time:	1970/01/01 05:55:41	Thursday			
PC system time:	2015/07/02 15:49:35 GMT+08:00	Thursday	Synchronize	d with the P	C system time



Click Synchronized with the PC system time , make device time consistent with the PC system time。

1.5 Network parameter configuration

Configure network parameters is provided to enable the device to connect to our server, complete the following configuration.

1.5.1 Video server configuration

The device supports 3G / 4G wireless networks and wired networks three access ways to real-time view video and Recording.Users choose the corresponding mode in "Network preference" item according their requirement .For further convenient configuration, please set the device IP address same to computer, same gateway with The IP address option to set the device to the local computer in the same segment of the IP address, gateway and PC Default Gateway . (IP address and default gateway is the IP address and default gateway before local network connection configuration .) After that you just put in "http://IP after configuration" when you login .

For example :



u auuress.	192.100.1.103	1010.	1331
ubnet mask:	255. 255. 255. 0	Gateway:	192.168.1.9
MAC address:	c2:cf:fa:ec:d0:5b		
Network latency Sleep Time:	10 Second		
Network preferences:	3G 💌		
Inable the routing function or not:	No		



IP address:	192. 168. 1. 163	Port:	1591
Subnet mask:	255. 255. 255. 0	Gateway:	192.168.1.9
MAC address:	c2:cf:fa:ec:d0:5b		
Network latency Sleep Time:	10 Second		
Wetwork preferences:	4G 💙		
Enable the routing function or not:	No 💌		

Pic. 1-5-2 4G Wireless network setting

IP address:	192. 168. 1. 163	Port:	1591
Subnet mask:	255. 255. 255. 0	Gateway:	192.168.1.9
MAC address:	c2:cf;fa:ec:d0:5b		
Network latency Sleep Time:	10 Second		
Network preferences:	WLAN 🗸		
Enable the routing function or not:	No		
Note: After modifying parameter	s, please restart the device.		OK

Pic. 1-5-3 WLAN Wired network setting

1.5.2 Flow server configuration

	▼ Flow media server	
Server IP:	120.26.120.149	
Sever port:	20086	
Note: After modi	fying parameters, please restart the device!	ОК

Pic.1-5-4 Flow server



Flow server IP: 120.26.120.149

Server port: 20086

The default server address and port of the Company, factory set up already, do not change!

1.6 View video on the platform

1.6.1 Login vehicle video GPS CMS

Type: http://120.26.120.149:8040/ in the browser, enter CAIMORE vehicle video GPS CMS,

120.26.120.149 is server address, 8040is port number, as picture 1-6-1 showed:



Pic 1-6-1 CAIMORE Vehicle video GPS CMS

Add:2 F, 37#, Wanghai Road, Xiamen Software Park 2, Xiamen, China (361009) Tel: 86 592 3799895 Fax:+86-592-5975885 Web: http://www.caimore.com



Use ID and PWD (Default as admin)(Default as admin)to login. After that, you can see page as

Pic1-6-2 showed:



Pic 1-6-2 Page

Pic 1-6-2 has:

- 1. Display : video display. (marked in green)
- 2、Menu: browser mode. (marked in brown)
- 3、Video List: front end device list. (marked in yellow)
- 4, Function panel: vehicle info, PTZ and device temp and humd etc. (marked in red)
- 5, Tool button: Application function button. (marked in blue)



1.6.2 Download&Install plugins (For the first time)

Click [Widget Download] to download plugins, after download there will be one pop up to inquire whether to run this software. Pic 1-6-3 showed:

打开文件	- 安全警告	
无法验	证发布者。	您确定要运行此软件吗?
	名称: 发行商: 类型: 发送方:	inistrator\Downloads\CMPluginInstall.exe 未知发布者 应用程序 C:\Users\Administrator\Downloads\CMPlu 运行 (&) 取消
☑打开	此文件前总	是询问(\)
8	此文件没有 运行来自您	抱含有效的数字签名以验证其发布者。您应该只 循任的发布者的软件。 <u>如何决定要运行的软件?</u>

Pic 1-6-3 plugins run inquiry

Click [Run] button on the plugin run inquiry to install plugins, installation completed tips, Pic1-6-4 showed:

B CMPlugin - InstallShield V	Vizard 📃 🔀
N	InstallShield Wizard Completed
	The InstallShield Wizard has successfully installed CMPlugin. Click Finish to exit the wizard.
	< Back Finish Cancel

Pic 1-6-4 Installation Completed Tips

Add:2 F, 37#, Wanghai Road, Xiamen Software¹Park 2, Xiamen, China (361009) Tel: 86 592 3799895 Fax:+86-592-5975885 Web: http://www.caimore.com



1.6.3 Add video server

Caimore GPS M	anagement Platform V2.0	Live Video	Tracking	Playback	Widget Download	More
Menu Fleed Management Vehicle						
Device Management User Management Query Management	+ + +					

1) Click [More] button in the menu to enter, Pic 1-6-5 showed:

Pic 1-6-5 More Page

2) Click [Device Management] button to enter into Device Management list, Pic 1-6-6 showed:





Pic 1-6-6 Device Management List

3) Click [Device Servers] button to enter grouping, Pic 1-6-7 showed:

Caimore GPS Ma	naç	ement Platform V2.0	Live Video	Tracking	Playback	Widge	t Download	More		١	Nelcome:admin	Logout
Menu	《	Device Group 《	Fleed management	nt Video serv	er Streaming	media serv	er Recorder Se	rver				
Fleed Management	÷	E Default grouping	License No ·		Engine No :		Use Stat	us Al		Search		
Device Management			+Add □Delete	I								
Device Servers			License No.	Engine No.	Belonge	d Group	Belonged Video	Vehicle code	Buy Time	Launch date	Vehicle Compan	iy Name
Device Upgrade												



4) Click [Video Server] button to enter into video server, Pic 1-6-8 showed:



Xiamen Caimore Communication Technology Co.,Ltd 2 F, 37#, Wanghai Road, Software Park 2, Xiamen,China (361009)

Fleed management	Video server S	treaming media serv	ver Recorde	er Server			
Server Name:		Search					
🕂 Add	+ Add						
Server Name	Belonged Group	IP	Media Port	Signaling Port	Use Status	Status	Operation
1 <u>CM_0204</u>	Default grouping	192.168.1.171	2000	80	Is using	Offline	Modify Delete Channels Forward
2 <u>CM_1618</u>	Default grouping	192.168.1.109	1618	80	Is using	Offline	Modify Delete Channels Forward
3 CM_1635	Default grouping	192.168.1.108	1635	80	Is using	Offline	Modify Delete Channels Forward
4 <u>CM_0091</u>	Default grouping	192.168.1.91	2091	80	ls using	Offline	Modify Delete Channels Forward

Pic 1-6-8 Video server

5) If the device existed, click [Live Video] button to view real time video, if the device not existed,

click [Add] button to add video server, Pic 1-6-9 showed:

Video Server Fo	rm			×
Belonged :	Default grouping	Name:		
Туре:		NO:		
Fixed IP:		IP Address:		
Signaling Port:		Media Port:		
User Name:		Password:		
Remark:				
Using :	· · · · · · · · · · · · · · · · · · ·			0
			Save	Cancel

Pic 1-6-9 Add video server

- \triangleright Name: Fill in device ID;
- ➤ Type: Select CM_Test;
- \blacktriangleright NO: Fill in device ID;



- IP Address: Fill in device IP \triangleright
- Signaling Port: Fill in 80; \succ
- \triangleright Media Port: Fill in device port No.;
- ➢ User Name: User-defined;
- ➢ Password: User-defined;

For instance: Fill in the content as Pic 1-6-10 showed:

Video Server Fo	rm			×
Belonged :	Default grouping	Name:	CM_1617	
Туре:	CM_Test	NO:	CM_1617	
Fixed IP:		IP Address :	192.168.1.185	
Signaling Port :	80	Media Port:	1617	
User Name:	admin	Password:	admin	
Remark:				
Using :	V			
			Save	Cancel

Pic 1-6-10 Filled Content

6) Click [Save] button to save the configure therefore adding device successful, Pic1-6-11 showed:



F	eed management	Video server	Streaming media serv	er Record	er Server			
S	Server Name: Search							
H	Add							
	Server Name	Belonged Group	IP	Media Port	Signaling Port	Use Status	Status	Operation
1	<u>CM_0204</u>	Default grouping	192.168.1.171	2000	80	ls using	Offline	<u>Modify Delete Channels Forward</u>
2	<u>CM_1618</u>	Default grouping	192.168.1.109	1618	80	ls using	Offline	<u>Modify Delete</u> <u>Channels</u> <u>Forward</u>
3	<u>CM_1635</u>	Default grouping	192.168.1.108	1635	80	ls using	Offline	<u>Modify Delete</u> <u>Channels</u> <u>Forward</u>
4	<u>CM_0091</u>	Default grouping	192.168.1.91	2091	80	ls using	Offline	Modify Delete Channels Forward
5		Default grouping	192.168.1.171	2000	80	ls using	Online	Modify Delete Channels Forward
6	<u>CM_1617</u>	Default grouping	192.168.1.185	1617	80	ls using	Offline	Modify Delete Channels Forward

Pic 1-6-11 Device Added Successful Page

7) Click [Forward] button to add media server, Pic 1-6-12 showed:

Forward List Ma	anagement			×
	Optional: cms_aliyun_vehicle	 Selected : 		
			Save Cancel	

Pic 1-6-12 Add media server page

8) Select"cms_aliyun_vehicle", click"->"button (Pic 1-6-12 marked in red), to add media server, and click [Save] button to save configure, Pic 1-6-13 showed:



Forward List Management	×
Optional:	Selected : cms_aliyun_vehicle
	Save Cancel

Pic 1-6-13 Media server Added Successful

1.6.4 View realtime video

1) Click [Live Video] button to enter into Live Video page, as Pic 1-6-14 showed:

Caimore GPS Management Platform V2.0			Live Video	Tracking	Playback	Widget Download	More
Video List	*						
Video Server							

图 1-6-14 Live Video 界面

2) Click [Video Server] button and --> [Default grouping] button to enter into device added list,

Pic 1-6-15 showed:





Pic 1-6-15 Device List Added

Note: Device ID in red represents it's online

3) Double click the channel to be broadcast to view realtime video, Pic 1-6-16 showed:





图 1-6-16 View realtime video page