

MXtool APP Operating Instructions



MettaX Technology(Shenzhen) Co., LTD

Content

Introduction
1.Menu Function4
1.1 APP Connection Preview4
1.2 APP Video Search5
1.3 APP Web Setting6
1.3.1 System Manage7
1.3.2 Record Settings11
1.3.3 Network Settings16
1.3.4 Alarm Settings18
1.3.5 System Status25
2.AI Calibration Setting

Introduction

This software is developed for AI Dash Cam configuration, offering users the ability to enjoy live online previews of their smartphones and tablets. Moreover, it provides convenient features such as video and log downloads, along with remote adjustment of various device parameters. This ensures a smooth and efficient customer experience. Currently, it only supports the Android system.

Menu function

1.1 APP Connection Preview

1.1.1After powering on, the device emits a WiFi hotspot with a long string of numbers typically starting with 112 or 115. To connect to the device, search for its WiFi hotspot signal on your Android phone and use the default password, which is 88888888.1.1.2 Open the MXtool app, the software will automatically search the device ,display it in the list of devices being scanned; If the device cannot be searched, you can manually click the search flag to search.

، چ

 $\Phi \Phi$



Select the camera below the preview box.



1.2 APP Video search

1) Open the MXtool App software, select the "Playback" setting below.

2) Select time search Video: query and search video files according to date, time, channel and video search conditions.

3) Select the default sort to display all video files, which is not limited by search conditions.



Video playback: click the video file below to enter the playback page. After playing a complete video, the video search page will change the current video time period to blue font, and the video file has been downloaded by default. If the video has audio, there will be sound output.



Video download: click the video time period, long press, and click "..." at the top. Download method: download to USB, download to mobile phone; After downloading, the font color of the video file will turn blue.

17:44 ²⁵¹ 奈口 🎟	17:44 🕺 😤 🗆 🎟
<	← Export to USB
1000000315(192.168.10.202)	1000000315(192.16 Export to Phone
2021-10-20 17:43 2021-10-21 17:43 Channel1 • By Time • All 2	2021-10-20 17:43 - 2021-10-21 17:43 Channel1 • By Time • All •
2021-10-21	2021-10-21
17:35:26(286)	17:35:26(286)
17:30:41(285)	17:30:41(285)
17:30:02(33)	17:30:02(33)

1.3 APP web setting

Click "Setting" in the menu bar below, Jump to the "MDVR SETTINGS" page, enter the password and click login. The password is 111111 by default.

If "Automatic" login is checked, the device number will automatically enter the configuration interface without entering the password when logging in the app.



Enter the "MDVR SETTINGS" page, you can directly change the functions of the device on the app, and one party will modify them synchronously.



1.3.1 System manage

1.3.1 .1 Terminal Config: Configure equipment parameters, such as: Plate No, Dev ID, Terminal model, Manufacturer ID, State ID, City ID, Terminal ID, GUI transparency, Language, Positioning modes include GPS, BD, GLONASS, GPS + BD and GPS + GL. The device's Dev ID is one of the most important parameters, and it needs to be filled in when importing the device into the platform.

15:38	@#0\\$*4.4@0	15:38	8 ≉0(%*al*a	100	10:42 🛱 🕈 🔛	<u> 봤 숙 ロ ()</u>
141059514990(192.1	168.10.202)	141059514990(192.1	168.10.202)	1		
< Term	inal Config	< Term	inal Config		< Terminal Con	
Plate No.		Terminal ID				
Dev ID 14105	59514990	Vehicle Frame			Default Module	۲
Terminal Mode		Engine Number			GPS	0
Manufacturer		Vehicle Color	Non		BD	0
State ID		Initial				
City ID		Mileage(0.01km) ⁰		_	GLONASS	0
Terminal ID		Language	English	>	GPS + BD	0
Vehicle		Position Mode	Default Module	>	013100	<u> </u>
Frame		Volume	5	>	GPS + GL	0
Engine Number		System Volume	12		Language Engi	
Vehicle Color	Non >		Save		Position Mode Defa	ult Module
ō 🛛	Calibratio	ō 🖂	o Satting Cellbr		ō 🖬 () Calibra-

1.3.1.2 Account manage: Set password enable on / off, user name and administrator password.

The restrictions on app and equipment are the same, example: Please enter a six digit password, and the user and administrator passwords cannot be the same.

14:57 🔛	影 余 口 🕲	11:29 🚔 🕈 🕮 🔛 🕸	┉╤╻᠈▣	11:30 🚔 🕈 🕮 🔛 🕸	\$\$\$ \$\$ C + B
14000000075(192.168.1	0.202)	14000000091(192.168.1	10.202) -	14000000091(192.168.10.202)	~
< Account	Manage	< Account	Manage	< Account Manage	•
Password Enable	\bigcirc	Password Enable		Password Enable	
User ******		User 111111		User 111111	
Confirm		Confirm 111		Confirm 11111	
Admin ******		Admin ******		Admin 11111	
Confirm		Confirm	enter a	Confirm The	
Sa	ve		digit word	administrator password is entered twice	
Copyright	© 2019	Copyrigh	t © 2019	Copyright © 2019	
11:	29 斋 🕈 西 🔛 🕆	## \$= □ + ®	11:28 🚔 🕈 🕮 🔛 🕈	채 숙 다 + 📼	
1400	00000091(192.168.10.	.202) 👻	14000000091(192.16	58.10.202) -	
<	Account M	lanage	< Accou	unt Manage	
Pas	ssword Enable		Password Enable	\bigcirc	
Use	er 111111		User 111111		
Co	nfirm 111		Confirm 111		
Ad	Are You Sur	e Save?	Admin ******		
Co	Cancel	Ok	Confirm	ave OK	
	Save	•		Save	

1.3.1.3 System Clock: Setting date type, Date, Time,Time sync(OFF, GPS, NTP, GPS&NTP), Timeout, Timezone, NTP Address, NTP Port, DST Mode (ON/OFF). After modifying the date / time setting, if the device identification does not match the current time, it will restart. After restarting, the configuration will synchronize the device.



1.3.1.4 Power manage: When the power mode is ACC, you can turn on "Auto Reboot" and reboot time, When the set time is reached, the device will restart automatically. When "Timed mode" is selected: Auto reboot and reboot time are not displayed.Add two options: power on / power off time, the required interval must be greater than 1 minute.

14:58 🗳		:	₩♀□®
1400000007	5(192.168	.10.202) 👻	
<	Power	Manage	
Auto Reboo	ot		\bigcirc
Power Mod	le	ACC	>
Reboot Time	0:0:0		
Power Off			\bigcirc
Delay Off	3		
Sleep Repo	rt		\bigcirc
Record Delay	1		
Record Cha	annel	4 selected	>
	S	ave	
ි Live	Playback	۞ Setting	() Calibra- tion

14:58 🔛			M 2000
Auto Rebo	oot		
Power Mo	de	ACC	
Reboot Time			
ACC			۲
D Timeo S	d Mode		0
Record Delay	1		
Record Ch	annel	4 select	ed >
■ Live	Playback		© Calibra-

15:02 ⊜ ♥ ■ 1400000009			\$□+®
<	Power	Manage	
Power Mod	ie	Timed Mod	e >
Power Off			\bigcirc
Delay Off	3		
Sleep Repo	ort		\bigcirc
Power On	0:0:0		
Power Off	23:56:59		
Record Delay	1		
Record Cha	annel	4 selected	>
	S	ave	
	Re	boot	
Tive	Playback	@ Setting	O Calibra- tion

Power off: Low voltage shutdown, set the power supply between 8.5V \sim 11.5V for shutdown

15:59 🚔 🕈 🗰 🔛 👳	#*?□+®	14:58 ビ		#\$0@
14000000091(192.168.10.202)	÷	1400000075(192		
< Power Manage		< P		
Auto Reboot	\bigcirc	Auto Reboot		
Power Mode ACC	>	Power Mada	100	,
Reboot Time		R CH1		
Power Off		T CH2		
Fower off		P		
Power Off Voltage		р СНЗ		
Value(8.5- 11.5)		s CH4		
Delay Off 3		R		
Sleep Report		Record Channel	CANCEL 4 selecte	ОК
Record		Record Charmer	4 selecte	
Delay				
Record Channel 4 selec	ted D O Calibra-	ō E		0 A st base

Reboot: Click reboot button, the device will reboot, and the App needs to be reconnected.

1.3.1.5 Parameter Manage: Select the parameters item to be, click "yes". After parameters Import, Reset factory settings,Reset to user settings, the equipment will reboot;The data exported by the parameter is on the USB flash disk.

14:59 🖺	## \$ C @
14000000075(192.168.10.202)	*
< Parameter Manage	e
Import	YES
Export	YES
Backup User Settings	YES
Reset to Factory Settings	YES
Reset to User Settings	YES
Copyright © 2019	
🧕 🖬 🏟 Live Playback Setting	© Calibra- tion

1.3.1.6 Disk Manage: Entering this page will display the disk list, select the target disk, and enter the sub-menu to display the capacity, standard capacity, standard partition, block size and other information of the target disk. The block size can be 256/512/768/1024/2048MB,etc, default is 256MB.

Note: When 1080p and highest level 1 image quality, 256MB recording time is about 30 seconds, when 1080p and the lowest 8-level image quality, 256MB recording time is about 170 seconds.

14:59 ≌ 14000000075	5(192.168.10.202)	₩ † □ G	17:40 ☎ ≌ ≑ 14000000000(192.1	168.10.202)	ଛେବ୍⊡+®2	14:59 ≌ 14000000075	(192.168.10.202	(※今口GD ()
	Disk Manage			sk Manage		-	Diek Manage	
Disk Name		DISK1	Total Capacity		28	т default		O
Disk Name		FLASH	Standard Part Ca	pacity	1.0	s 256		0
	Copyright © 2019		Standard Partition			s P 512		0
			Block Size	default	>	^B 768		0
				ormat Disk		1024		0
			Go	pyright © 2019		2048		0
						3072		0
						4096		0
ی Live	Playback	© Calibra- tion	or a construction of the second secon	@ ick Setting	0 Calibra- tion	■ Live I		화 ① ting Calibra-

Format Disk: Click "Format disk", Enter the disk format page.

1.3.2 Record Settings

1.3.2.1 General settings: select the TV system PAL or NTSC, the Record Mode options are Auto / Time / Alarm, display resolution 、 Camera Type options are AHD/CVI/TVI、 Auto Type、 preview mode、 preview channels(Cannot be 0)

18:12	10 1 (\$1)	0\$**#*#®	15:00 🎽		11 \$ 3	18:	13	0 *0(\$*.1 *.1 @)
141059514990(192.168.10.202)	*	1400000075(1		*	141059514		
<	General		<			<		
Record Mode	Auto	>	TV System	PAL	>	Record Mo	ode Auto) >
Audio Type	G711a	>	Record Mode	Auto	>	Audio Type	e G71	1a >
			Camera Type	auto	>			-
	Save		D				Save	
	Copyright © 2019		Auto		O 100 100 100 100 100 100 100 100 100 10		Conversional En 201	10
			A Time		0	G711	a	۲
			P			0744		0
			Alarm		0	G711	u	0
			Р					
			ō	a 0	0			
	I I I I I I I I I I I I I I I I I I I	0 Calibratio n		yback Setting	Calibra- tion	Ö Live	Playback Se	© © tting Calibratio

1.3.2.2 Main Stream: display the number of channels and select the Encode type. Click the channel to enter the channel setting page.

Enter the main stream setting page: set the main code stream enable switch, Resolution 1080P/720P/D1/HD1/CIF, Frame rate 1~25Fps, image quality1~8,(Level 1 is the highest and level 8 is the lowest), Audio switch ON/OFF, image mirror options are Mirror/ Flip/ Mirror and Flip.

15:01 ビ		222 t t	15:04 ビ		\$11 ? 🗆 🕲	15:02 ビ		## \$ 🗆 @
400000075(192.168.10.202)	~	1400000075		Ψ.	1400000075(1	92.168.10.202) -	
<	Main Stream		<			< Mai	in Stream Settings	
channel		CH1	channel		CH1	Enable		C
channel		CH2	channel		CH2	Resolution	1080P	
channel		CH3	channel		СНЗ	Framerate	25	
channel		CH4	channel		CH4	Quality	2	
Encode type	H264	>	^E H264		•	Audio		
	Save		H265		0	Mirror	Close	
	Copyright © 2019			Copyright © 2019	_		Save	
							Copyright © 2019	
					0	ø	a ø	0
Tive P	🖾 💩 Nayback Setting	© Calibra- tion	ق Live		Calibra-		yback Setting	



1.3.2.3 Sub Stream: display the number of channels and select the Encode type. Click the channel to enter the channel setting page.

Enter the sub stream setting page: set the Resolution VGA/D1/HD1/CIF, Frame rate 1~25Fps, image quality1~8,(Level 1 is the highest and level 8 is the lowest).

15:05 🖴		&; ¶ 0 08	15:05 🗳	1	21 % C CBD	15:05 🗎		₩ ♥ O GB	15:06 🗳	12 2 0 00
1400000075(192.168.10.202)		140000007	/5(192.168.10.202)		1400000075(192			14	۲
<	Sub Stream		<	Sub Stream Settings		< Sub Sub S			15	
channel		CH1	Resolution	CIF	>	Resolution	CIF		_R 16	0
channel		CH2	Framerate	15	>	Framerate	15		F 17	0 >
channel		CH3	Quality	1	>	9			Q	>
channel		CH4				VGA		0	18	0
Encode type	H264	>		Save		D1		0	19	0
	Save			Copyright © 2019		HD1		0	20	0
	Copyright © 2019					-			20	U
						CIF		۲	21	0
									22	0
									23	0
	🔽 💩 layback Setting	Calibra-	ŏ Live	🖾 💩 Playback Setting	Q Calibra-	G Di Live Playt) 🔮 lack Setting	O Celibre	24	O
					1000					

1.3.2.4 Timed Record: Enter the timing recording setting,You can set the recording time period, set Monday~Sunday (single day) or All(every day) Start time and end time, Two time periods are optional.

Note: set All (every day) includes single day.

17:57 🕮 🔛 🜵		113 🛜 🗆 † 👀	15:06 🎽 🏭 🏭 🏭
14000000000	(192.168.10.202)	*	1400000075(192.168.10.202)
<	Timed Record		Time Record Settings
Date		Sunday	Time1
Date		Monday	Start time 0:0:0
Date		Tuesday	End time 23:59:59
Date		Wednesday	Time2
Date		Thursday	Start time 0:0:0
Date		Friday	End time 23:59:59
Date		Saturday	
Date		All	Save

1.3.2.5 Storage: Set alarm pre recording, Alarm delay (alarm record = pre record + delay), Alarm file to serve optional FTP/, Alarm file protection days, Protection file space limit and disk purpose, If any item is modified, the equipment will reboot.

18:17		@###\$\$0\$\$0						
141059514990	(192.168.10.2)	02)						
	Storage							
Storage								
Alarm Pre Record(0- 60s)	10							
Alarm Delay(0- 3600s)	30							
Alarm File To r	Serve No	×						
Alarm File Protection(D	ays) ⁰							
Usage								
SD1	Rec	ord >						
Save								
	Copyright © 20							
■ Live P		Calibratio Transport						

1.3.2.6 OSD: OSD information overlay, there are 4 areas, It can be display in App

preview and playback.

Transparency: overlay information background transparency, options 20% ~100%. Enter Region name setting page: click the area enable switch, input Coordinate X,Y value,select Date/ Channel No/ Plate No/GPS switch, or custom text information for each channel.

Note: Custom items and channel overlay items cannot be saved at the same time.



1.3.3 Network Settings

1.3.3.1 Central Server: There are 4 "central server" options. Enter the central server setting page.

Central server setting: you can set the protocol (optional protocol is consistent with the device), GPS refresh interval, IP address and port, fill in the existing device number of the platform in the terminal device, and check whether it is connected on the "system status" page.

15:09 🎽		₩ † □ @	15:24 🕮 🖼 🕯	Þ i	\$\$1 余□+ (3	3	15:24 🕮 🖬 🤅	;		\$# 중 - + 39
140000000	75(192.168.10.202)	*	140000000	75(192.168.10.202)			140000000			
	Central Server		<	Central Server			<			
Name		Central Server1	Central Serve	er Settings			Central Serv			
Name		Central Server2	Protocol	JT808-20	11-M1	>	Protocol		Close	>
Name		Central Server3	Gps Interval	20			G Close			۲
Name		Central Server4	Server IP	thy1.thyzg.cn			S JT808	3-2011-M	1	0
	FTP Settings		Server Por	t 6975			S	0011 14	2	0
	Copyright © 2019						J1808	3-2011-M2	Z	0
				Save			JT808	3-2019-M2	2	0
				Copyright © 2019						_
							JT808	3-2019-S1		0
o Live	Playback Settin	⊙ Calibra- gtion	o Live	Playback Setting			ی Live			

FTP settings: Enter the FTP settings page,Set the IP address, port, status port, user name and password to connect to the FTP server.

Select the transmission code stream type (main code stream / sub code stream), audio / video, network connection mode(WiFi/4G/Wired) and storage type corresponding to the device.

15:24 🕮 🔛 🕯		\$\$\$ \$ □ + 3
140000000	75(192.168.10.202)	*
	Central Server	
Central Serve	er Settings	
Protocol	JT808	3-2011-M1 >
Gps Interval	20	
Server IP	thy1.thyzg.cn	
Server Por	t 6975	
	Save	
	Copyright © 2019	
Tive Street	Playback Setti	

1.3.3.2 3G/4G: insert the SIM card into the device, set the enable switch, select the dialing type, and enter the user name and password;After the SIM is recognized, the configuration information will change.

(Chinese customers only need to turn on the enable switch,SIM card type/ user name/ password will be automatically read and saved by the device)

15:25 🖴 🖼 🍕		\$\$\$ \$ □ + 3	15:25 🖬 🎽 🕈	\$\$\$\$\$ □ * 🔳
140000007	75(192.168.10.202)		1400000075(192.168.10.20	
<	3G/4G		< 3G/4G	
Enable			Enable	
Туре	FDDLTE	E-1 >	T WCDMA	0 >
APN	ctnet		A EVDO	0
Center No.	*99***1#			
User	card		U TD-SCDMA	0
Password	card		P TDDLTE	0
	Save		FDDLTE-1	۲
	Copyright © 2019		FDDLTE-2	0
				Ŭ
⊡ Live	Playback Setting	© Calibra- tion	o I Live Playback S	© etting Calibra- tion

1.3.3.3 WiFi: WiFi enable switch, encryption enable, select authentication mode, encryption type, working mode, DHCP enable, input SSID and password.

AP mode (device hotspot is open). Select user name and password to save, open mobile WiFi, and app can search the device.

Mobile phones and devices are directly connected through hotspots.

Work Mode AP > SSID 11200001998 Password • WPA • Save • Copyright 0 2019 • Copyright 0 2019 • Copyright 0 2019 • Copyright 0 2019 • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • •	18:24	800214148	D 1527 📾 🖬 🕴	M & □ + 000	15:27 📾 🔛 🛊	227 9 C + CB	15:27 📾 🔛 🕴	22 余口・38
Wift Enable Encryption Enable Auth Mode WPA-PSK Encryption Type AES Work Mode AP SSID 11200001998 Password WPA WPA WPA WPA WPA WPA WPA SiD 11200001998 Password WPA WPA-PSK WPA WPA WPA Sove Save Copyright 0.2219 Sove Copyright 0.2219 Copyright 0.2219	141059514990(192.16	8.10.202)	1400000075(192.168.10.20	2) -	1400000075(192.168.10.202	0 -	1400000075(192.168	
Encryption Enable Auth Mode WPA-PSK Auth Mode AP SSID 11200001998 Password Save Copyright 0.2219 Copyright 0.		MIFI	< Wifi		< Wifi		< 1	Wifi
Auth Mode WPA-PSK Encryption Type AES Work Mode AP SSID 11200001998 Password WPA WPA-PSK WPA WPA-PSK WPA WPA WPA Station Math Mode WPA-PSK WPA WPA-PSK WPA WPA-PSK WPA Save Silb Copyright 0.2019 Save Copyright 0.2019 Copyright 0.2019	Enable		Enable		Enable		Enable	
Encryption Type AES Work Mode AP SsiD 11200001998 Password WPA Save WPA-PSK Copyright 0-2019 Save Copyright 0-2019 Copyright 0-2019	Encryption Enable		Encryption Enable		Encryption Enable		Encryption Enable	
Work Mode AP SSID 11200001998 Password · · · · · · · · · · · · · · · · · · ·	Auth Mode	WPA-PSK	> A Open	0 >	Auth Mode WPA	-PSK >	Auth Mode	WPA-PSK >
Work Mode AP >> SSID 11200001998 Password · · · · · · · · · · · · · · · · · · ·	Encryption Type	AES	> E	>	E NONE	0 >	E	>
SSID 11200001998 Password · · · · · · · · · · · · · · · · · · ·	Work Mode	AP	> V Share	0 >	M TKIP	0	v Station	0
Save	SSID 112000	01998	D WPA	0)	D		D AP	•
Save Password zsf426551 Password zsf426551 Copyright © 2019 Save Save Save Save Copyright © 2019 Copyright © 2019 <td>Password •••</td> <td></td> <td>S WDA-DSK</td> <td></td> <td>s AES</td> <td>۲</td> <td>SSID T6-0000</td> <td>004B</td>	Password •••		S WDA-DSK		s AES	۲	SSID T6-0000	004B
Copyright © 2019 Save Save Copyright © 2019 Copyright © 2019 Copyright © 2019 Copyright © 2019 Copyright © 2019 Copyright © 2019			P	•	Password zsf426551		Password zsf4265	
СорунуН 8 2019 СорунуН 8 2019 СорунуН 8 2019 СорунуН 8 2019			Save		Save		s	ave
	Copyris	ght (0-2019	Copyright © 201	9	Copyright © 2019	,	Copyri	pht & 2019
Image: Control of the Playback Setting Control of Playback Sett	a n		Live Playback Se				Tive Playback	

1.3.4 Alarm Settings

1.3.4.1 IO: The IO quantity is determined by the product. Click to enter the IO alarm setting page.

IO settings: set IO function, trigger alarm level, delay, anti shake and alarm linkage settings.

High level: the alarm can be triggered only when the in line is connected to the high voltage line. The low level can be triggered as long as the equipment is powered on.

15:31 🛎 ビ 🤅 1400000000) D0(192.168.10.202)	₩\$ 0+3	15:35 🗰 🔛	∲ 075(192.168		\$□+3	15:35 ☎ ≌ ∲ 14000000075(192.		\$□+3
	Ю		<	IO S	ettings		· < ا	O Settings	
Number		IN1	Enable		Right-Turn	>	Preview Mode	Mode 1	>
Number		IN2	Level		High	>	Record Lock Chn	0 selected	>
Number		IN3	Delay	3					
Number		IN5	Wait	0			Record Upload Cl	hn 0 selected	>
	Copyright © 2019		Record Buzzer			\bigcirc	Alarm Output	0 selected	>
			Preview I	Mode	Mode 1	>	Snap Chn	0 selected	>
			Record L	ock Chn	0 selected	>	Preview Chn	0 selected	>
			Record U	pload Chn	0 selected	>	Freelew Chin	U Selected	
								Save	
Live	Playback Setting	© Calibra- tion	ی Live	Playback	© Setting	© Calibra- tion	Contraction Contra		© Calibra- tion
				-				—	

Alarm linkage (common to all alarms): set video switch, buzzer switch. Preview mode: there are 4 modes available;Mode1~4, such as:



Selection of record lock channels, record upload channels, snap channels(capture upload), preview channels, Alarm output IO port selection.

15:32 🏛 🔛 🛊	0.32 K8/5	ŝ□+3	15:35 🛎 ビ 🕸		ӝҙҏ≁з	15:35 🛍 🔛 🜵	0.25 ((ا
14000000000(192.			1400000075(1			1400000075(192.16		
< I	IO Settings		<	IO Settings		< 10.5		
Enable	Close	>	Enable	Right-Tur	n >	Preview Mode	Mode 1	
Level D Mode 1	High		Level D CH1	Hiah		Record Lock Chn	0 selected	
R Mode 2		0)	CH2			^R 101		
^B Mode 3		0	вСНЗ			_A 102		
P Mode 4 Record Lock Chin	u selected	0	P CH4	CANCEL	ок >	Snap Unn	CANCEL (ж
Record Upload Cl	hn 0 selected	>	Record Upload	l Chn 0 selecte	d >	Preview Chn	0 selected	•
S Jave Playb		© Calibra- tion	o Live Pl	a o yback Setting	© Calibra- tion	Twe Playback		0 Calibra- ion

1.3.4.2 Speed: set the speed signal source, pulse coefficient and speed unit. Click the alarm type to enter the alarm setting page.

Speed settings: set enable switch, limit value (not 0,the threshold value of overtime parking is time unit / s, and other types are speed values), delay time, anti shake value and alarm linkage (item 4.1 Alarm linkage), The high-speed warning value cannot be greater than the high-speed alarm value.

10:58	104901€*.	d %.d 💷	15:36 🕮 🎽 单		11 ÷ 🗆 ÷ 🗷	
141059514990	0(192.168.10.202)		1400000075(1			
	Speed		<			
Туре	Park	ing >	Туре		Parking	
Туре	Low Speed Warn	ing >	Туре		v Speed Warning	
Туре	Low Speed Ala	rm >	Туре		ow speed Alarm	
Туре	Overspeed Early Warn	ing >	_۳ km/h		• n	
Туре	Over Speed Ala	rm >	s mph		0 >	
Speed Source	ce GPS	>	P nm/h		0	
Pulse	3600		s	_) 	
Speed Unit	km/h	>				
	Save		Copyright @ 2019			
	Copyright © 2019					
ø	a ø	0	o Live Pla	🖬 💿 ayback Setting	O Calibra-	
	Playback Setting C	alibratio		—		

17:50 🚔			;; ;; ; ;	18:53 🚔 🕈 🗖 🖬	0.20 K815	\$\$□≁®	17:51 🚔 🕈 🔛	â	# @ O @	
14000000	91(192.168.	.10.202) -		14000000091(192.168	.10.202) -		1400000091(192.168.10.202)			
<	Speed	Settings		< Speed	Settings		< Speed	l Settings		
Enable			\bigcirc	Enable			Buzzer		\bigcirc	
Limit	3600			Limit 90			Preview Mode	Mode 1	>	
Delay	5			Delay 5			Record Lock Chn	0 selected	>	
Wait	5			Wait 30						
Record				Record			Record Upload Chn	0 selected	>	
Record				Record						
Buzzer			\bigcirc	Buzzer		\bigcirc	Alarm Output	0 selected	>	
Preview N	Node	Mode 1	>	Preview Mode	Mode 1	>				
Record Lo	ock Chn	0 selected	>	Record Lock Chn	0 selected	>	Snap Chn	0 selected	>	
Record U	pload Chn	0 selected	>	Record Upload Chn	0 selected	>	Preview Chn	0 selected	>	
							5	Save		
<u>ه</u> Live	Playback	Ø Setting	① Calibra- tion	o 🖾 Live Playback	© Setting	© Calibra- tion	E	छे Setting	© Calibra- tion	
	_	_		-			-			

1.3.4.3 G-sensor: display attitude type and acceleration value, and set installation direction and vehicle type(Car or Bus/Truck). after installing the equipment, click the "Adjust" button, the calibration acceleration value in the current installation direction is 0, and the subsequent floating is about 1.

Installation direction: Click to enter the installation direction setting page.

11:04	0\$01\$%	15:36 🖾 🎬 单	125 R C + 2	19:04 🚔 🕈 🖬 🔛 🕸	### 영 그 + 명
141059514990(1	92.168.10.202)	1400000075(192.1)		1400000091(192.1	68.10.202)
<	G-sensor	< G		< Insta	all Direction
Name	Rapid Acceleration >	Name	Rapid Acceleration	Install Mode	Menu Mode >
Name		Name	Rapid Deceleration	Install Direction	ZUP_YRIGHT >
Name	Emergency braking >	Name	Sharp Turn		
Name	Sharp Turn 🔉	Name	Crash		Save
Name	Crash >	N	er	Сор	yright © 2019
Name	Rollover >	Car	۲		
Acceleration		X Bus/Truck	0		
	(X:-0.05,Y:0.97,Z:0.19)	Crash=-0.10g	_		
	(X:0.040,Y:0.960,Z:-0.180)	Rollover=-49.98°			
Crash=-0.02g		Install Direction			
Rollover=+166.1	2°	Vehicle type	Car >		
Install Direction	n >	A	\DJUST		
	Car >	o 🔽 Live Playbac	© © k Setting Calibra- tion	Tive Playbad	© ck <u>Setting</u> Calibra- tion
	back Setting Calibratio				

Select up, down, left and right directions and click save. After saving successfully, you need to calibrate manually on the attitude alarm page.

19:05 🚔 ଡ଼ 🛋 📓 🛊	₩ 🤶 🗆 † 🐽	19:07 亩 🕈 🛎 🖬 🛊	\$\$\$\$\$\$\$\$\$\$\$	19:07 🚔 🖗 🛋 🔛 💠	₩\$ □ +®	19:07 🚔 🌻 🖾 🗳 🔅	₩ \$ □ + @
			0	14 XUP_ZRIGHT	0	14 XDOWN_YLEFT	0
< Install Direct				XUP_YLEFT	0	XDOWN_YRIGHT	0
	nu Mode >	IT ZUP_XLEFT	0 >			lr	
Install Direction ZUF	P_YRIGHT >	ZUP_XRIGHT	0	Ir XUP_YRIGHT	0 >	Ir YUP_ZLEFT	0 >
Save Copyright © 20	19	ZUP_YLEFT	0	XDOWN_ZLEFT	0	YUP_ZRIGHT	0
Auto Mode	0	ZUP_YRIGHT	۲	XDOWN_ZRIGHT	0	YUP_XLEFT	0
Menu Mode	۲	ZDOWN_XLEFT	0	XDOWN_YLEFT	0	YUP_XRIGHT	0
		ZDOWN_XRIGHT	0	XDOWN_YRIGHT	0	YDOWN_ZLEFT	0
				YUP_ZLEFT	0	YDOWN_ZRIGHT	0
		ZDOWN_YLEFT	0				
		ZDOWN_YRIGHT	0	YUP_ZRIGHT	0	YDOWN_XLEFT	0
	© etting Calibra-	XUP_ZLEFT	0	YUP_XLEFT	0	YDOWN_XRIGHT	0
	tion		tion		tion		tión

1.3.4.4 Voltage: Click LV / HV to enter the voltage alarm setting page.Voltage settings: set enable switch, threshold (low voltage: 8.5-24, high voltage: 12-36), delay time, anti shake value and alarm linkage (item 4.1 Alarm linkage)Serial port setting:

15:37 🛋 🔛 🕸	(192.168.10.202)	(11) (11) (11) (11) (11) (11) (11) (11	19:28 ਛ ♥ ⊠ ≌ ∳ 14000000091(192.168		\$⊂+®	19:28 ਛ ♥ ⊠ ≌ ∳ 14000000091(192.168		\$□≁ໜ
<	Voltage			e Settings			e Settings	
Name		Low-Voltage	Enable		\bigcirc	Preview Mode	Mode 1	3
Name	Copyright © 2019	High-Voltage	Limit(8.5- 24)			Record Lock Chn	0 selected	:
			Delay 1 Wait 3			Record Upload Chn	0 selected	
			Record			Alarm Output	0 selected	
			Buzzer Preview Mode	Mode 1	>	Snap Chn	0 selected	
			Record Lock Chn	0 selected	>	Preview Chn	0 selected	
			Record Upload Chn	0 selected	>	s	ave	
o Live	₽layback Setting	© Calibra- tion	o Live Playback	Ø Setting	© Calibra- tion	o ☑ Live Playback	्र Setting	Optimized Calibra- tion

1.3.4.5 Peripheral: Click the COM number to enter the peripheral setting page.

Peripheral settings: Set serial port peripherals function, for example: PTZ, etc, baud rate, data bit, stop bit and check bit (which shall be consistent with the printing setting of the connected serial port)

PTZ control: click the channel to enter the PTZ control page and set the protocol type, address code (0-63) and preset bit (0-255)

15:37 🗃 🎬 🖗	44.5 중 🗆 + 🗺	11:07	\$\$\$\$0(\$*.4 \$.4183)	15:37 🙇 🗳 🖞	\$\$\$\$ 佘□ + 国	15:37 🕮 🔛 🛊	#!?\$□+®
14000000075(192.168.10.2	02) 👻	141059514990(1	92.168.10.202)	14 Close	۲	¹⁴ Oil-CR	0
< Peripher	al	<	COM1			O'I DAV	0
peripheral	COM1	peripheral		P PTZ	0	Oil-DAV	0
peripheral	COM2	Function	Close >	GPS-EX	0	F Oil-LLS	0
		Туре	232 >	В	>	B	
Copyright © 2	019	Baud Rate	9600 >	D USR-DEF1	0 >	D OBD(HJA580)	0 >
		Data Bit	8 >	s USR-DEF2	0	S IC Card	0
		Stop Bit	1 >	Р	>		>
		Parity	None >	USR-DEF3	0	XD IC Card	0
			Save	USR-DEF4	0	PCS	0
			Copyright © 2019	USR-DEF5	0	RDT	0
				Oil-TUB	0	RECADAS	0
ō 🖬	© Calibra-	ō I	Calibratio	Oil-DS	Setting	ZAXADAS	
Live Playback	Setting Calibra- tion	Live Play	/back Setting Calibratio	_	uon di	_	

1	5:37 🛍 🗳 🕈	## २ □ + (5)	
	TSADAS	0	
< p	TSDSM	0	
F	TTS	0	
D	TTX-UT	0	
S	808-UT	0	
P	USR-Transpt1	0	1
l	USR-Transpt2	0	1
	USR-Transpt3	0	1
	Temp-THII	0	
	DR-DATA	0	ł
	Sett	tion	

15:38 🕮 ビ 🛊	₩\$?□+®
JZ-VPS	0
BAY-VPS	0
F BS-UT1 B	0
BS-UT2	0
s BS-UT3 P	0
BS-UT4	0
KL IC Card	0
Fing-ZWY	0
LOAD_YX	0
TopLight	0
_	100

15:38 🕮 🎬 🖗	₩\$?□+®
AndScreen	0
AnnaTpms	0
F R21CCard	0
HzPanel	0
s ZJ IC Card	0
Dispenser	0
OBD(HJA580)	0
Extern	0
HZSJTVM	0
AFC	0
- Live Hayback Setting	tion

15:39 🖽 ビ 🕸	\$\$\$ \$\C+®
¹⁴ OBD(HJA580)	0
Extern	0
F HZSJTVM	0 >
AFC	0
s RDM85X0 Card	0 >
DTF	0
Tmps-FL	0
Oil-FL	0
XY-Z_Oil	0
ExpandBox	0
Jenni Velybook Jenni	tion

15:46 🖾 🞽 🕸	\$\$\$\$ \$ • •	15:46 🛍 🖼 🛊		ᇔ죾◻≁▣	15:46 🖾 🔛 🕸		\$\$\$\$\$□+@
600	0	1400000075(*	1400000075(19		*
		<			<		
P 1200	0	peripheral			peripheral		
F 1800	0	Function	Close	>	Function	Close	>
в	>	Baud Rate	9600	×	^B Even		0 >
D 2400	\bigcirc >	D 5		0 >	D Odd		0
s 4800	0	s 6		0	S		
P	2	7		0	P None		•
9600	۲	1 ′			Mark		0
19200	0	8		۲			
38400	0				Space		0
38400	0						
57600	0						
115200	9	ŏ Live F	🖾 🧔 Playback Setting	© Calibra- tion		🖬 🧔 /back Setting	© Calibra- tion
							- 1001

1.3.4.6 AI setting: Channel settings, Alarm settings and Mode settings.

AI built in software: Displays the AI algorithm type (automatically recognized and cannot be changed). Setting channel functions are DSM or ADAS, channel resolution, Channel, orientation and channel resolution of left and right blind areas.

18:35	\$\$\$D\$\$*\$*	18:38	2 * 0: 完 * * 西	15:47 🏧 🔛 🕸	\$#? ? □ + 3	18:40	© ≉0(≈°.∥	l "ll 📧
141059514990(192.1	68.10.202)	141059514990(192.	168.10.202)	1400000075(192.1		141059514990(19	92.168.10.202)	
< AI 5	Settings	< Al bui	t in software	< Al bui	ilt in software	< Al k	ouilt in software	
		Algorithm type :	Algorithm 7	Algorithm type :	Algorithm 4 >	Algorithm type	: Algorithm 7	>
Chann	el Settings	DMS:	chn1 a	DMS:	chn1 >	DMS:	chn1	>
Alarn	n Settings	Resolution:	1080P	R Close	0 >	Resolution:	1080P	>
	Courses	ADAS:	chn2	A chn1	•	ADAS:	chn2	>
Mode	e Settings	Resolution:	1080P	R	>	Resolution:	i BOP	>
Driv	ver Infor	6	Save	L chn2	0 >		Save OK	
Copyr	right © 2019	Cop	yright © 2019	chn3	0		Save Copyright © 2019	
				D				
				R chn4	0 >			
				Resolution:	VGA >			
				Direction	BEHIND >			
				o I	a			
Dive Playback	© Setting Calibratio	o Live Playbad	ن k Setting Calibratio	Live Playba		o Live Play	a 🔕 back Setting ^{Ca}) alibratio

Alarm settings: fatigue driving, making phone calls, smoking, distracted driving, abnormal driver, lane offset, forward collision, pedestrian collision, too close vehicle distance (ADAS), left BSD (left blind area), right BSD (right blind area). Al alarm linkage settings: Refer to item 4.1 Alarm linkage.

15:49 🖬 🎬 🖞	\$\$\$ \$ □ + 3	15:49 🖾 🎴 🕸	\$\$\$\$□+®	11:10	◙॥♥♥□!??*******	20:23 🚔 🖗 🛎 🔛 🕸	0.20 Kit/S	ŝ□≁00
14000000075((192.168.10.202)	1400000075(1	92.168.10.202)	141059514990(192.1		14000000091(192.168	.10.202) 👻	
<	AI Settings	<	AI Settings	< Fatig		< At alarm lir	nkage setting	
Name	Fatigue Driving	Name	equipment occlusion			Buzzer		\cup
Name	Phone	Name	infrared blocking	Enable	open >	Preview Mode	Mode 1	>
Name	Smoke	Name	identification	Speed 0		Descend Locals Ohm	0 a al a at a d	
Name	Distracted Driving	Name	Lane Shift	Classification0		Record Lock Chn	0 selected	>
Name	Driver Abnormal	Name	Forward Collision	interval 0			0	
Name	Play Phone	Name	Pedestrian Collision	s Close	0	Record Upload Chn	0 selected	>
Name	Safety Belt	Name	Too Close	R open		Alarm Output	0 selected	>
Name	equipment occlusion	Name	Left BSD	Buzzei				
Name	infrared blocking	Name	Right BSD	Preview Mode	Mode 1	Snap Chn	0 selected	>
Name	identification	Name	Back BSD					
Name	Lane Shift	Name	Front BSD	Record Lock Chn	0 selected >	Preview Chn	0 selected	>
Name	Forward Collision	Name	Aisle Overload	Record Upload Ch	0 selected as			
		×	Copyright © 2019	n	0 selected >	S	ave	
© Live F	Playback Setting Calibra- tion	o Tive bi	ayback Setting Calibra-	o 🖬 Live Playback		 Live Playback	🔯 Setting	0 Calibra- tion

Mode settings: Set AI current mode(Normal and Demo), normal: actual driving mode; demonstration: Office demonstration, and the default speed of the program is 60 pulses.

Note: At present, there are only these two modes(Normal and Demo).



1.3.5 System Status

1.3.5.1 System status: Display MCU version, APP version, system voltage, equipment number, acc status, lock status, IO status, acceleration value status, GPS positioning status information, license plate number, good sequence, AI certification and other relevant information.

15:50 🖾 🔛 🛊	監会日+ (19)	15:51 🖾 🔛 🕸	110 ? C + 3
1400000075(192.168.10.202)	+	1400000075(192.16	58.10.202) 👻
< System Status		< Syst	em Status
MCU Version	V21091801	Module	Not located
APP Version C211	01203.12886	Longitude	
System Voltage	12.1	Latitude	
Dev ID	14000000075	Number of Satellite	25
ACC Status	ON	Speed	
Lock Status	LOCK	Plate No.	豊
IO Status [1]0 [2]0) [3]0 [4]0 [5]0	SN	0020D410000001E7
Gsensor X=0.07 Y=0.68 Z=	=0.54 A=76.6°	AI VERSION:	Normal
GPS Status		IMEI	863879049244778
Module	Not located	Record Status	(ch0-ch4):(0:0:0:0)
Longitude		Ai Version	M2021091702
-	6		rright © 2019
o 🖾 💩 Live Playback Setting	Calibra	ive Playback	Calibra

1.3.5.2 Network: Display the status information of current network, 4G, dial-up, WiFi and central connection 1-4.

15:51 🖽 🞽 🕸		\$15 <\$ □ + 33	15:51 🕮 🔛 👳	₩ ? □ + ®
14000000075(19	2.168.10.202)	-	14000000075(1	192.168.10.202)
<	Network		<	Network
3G/4G Status			Server1	thy1.thyzg.cn
Route Type	Net	work Used 3G	Port	6975
Module Type		FDDLTE-1	Status	Disconnect
Net Type		UNKNOW	Server2	139.9.85.158
Signal		0		
SIM Status		Not Exist	Port	6608
Dial Status		Dial Failure	Status	Disconnect
Dial IP		0.0.0.0	Server3	39.108.194.249
Wifi Status		0.0.0.0	Port	0
Wifi Module		Exist	Status	Disconnect
			Server4	192.168.1.103
Wifi Signal		100	Port	0
Wifi SSID		T6-0000004B	Status	Disconnect
	🖬 😨 back Setting	© Calibra-	 Live PI	© layback Setting Calibra-

1.3.5.3 Disk: Displays the disk name, total capacity, remaining space and status of all disks in the current device.

20:48 🚔 🖗 🖾 🔛	0.24 न्न 🗆 + 100	
<	Disk	
Disk Name		SD1
Capacity		28GB
Free		0GB
Status		Normal
	Copyright © 2019	



1.3.5.4 Satellite: Display the signal strength value received by GPS / BD / WiFi.

15:53 🏧 🔛 🕸		184 R C + 39	15:54 🕮 🔛 🕸		₩ 🤶 🗆 ≁ 🗷
400000075(19	92.168.10.202)	¥	14000000075(192.168.10.202)	
<	Satellite		<	Satellite	
GPS Total Numbe	r	24	(12). GP.15		22
Satellite Number	Satellit	e Signal Strength	(13). GP.25		22
(01). GP.19		28	(14). GP.22		21
(02). GP.10		25	(15). GP.23		21
(03). GP.3		24	(16). GP.6		20
(04). GP.17		24	(17). GP.9		20
(05). GP.30		24	(18). GP.12		20
(06). GP.1		23	(19). GP.24		20
(07). GP.13		23	(20). GP.27		20
(08). GP.29		23	(21). GP.7		19
(08). GP.29 (09). GP.8		23	(22). GP.21		19
		22	(23). GP.26		19
(10). GP.11			(24). GP.31		19
(11). GP.14		22		Copyright @ 2019	~
o Live Pla	🖬 🧔	© Calibra- tion	ی Live P	layback Setting	

1.3.5.6 Serial Information.

18:49		@###\$\$0\$\$ 0
4105951499	90(192.168.10.20	2) -
	Serial Information	tion
Name		COM1
Function		Close
Status		abnormal
õ	Playback Set	© Calibratio

AI Calibration setting

Select the calibration menu. Click the "DMS calibrate" or "ADAS calibrate" button under the App to enter the calibration page.

When ADAS is calibrated, ask the vehicle to go straight in the middle of the lane. The vertical line is the lane center line and the horizontal line is the horizontal line where the sky road ahead disappears. Point the cross line and adjust it by moving up / down / left / right. After calibration, click "start calibration".

When DSM is calibrated, click the "start calibration" button, the driver face the front and will automatically calibrate successfully in about 3 seconds.

