

360°

Panorama Recorder Instructions

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360 Panorama auxiliary system instructions

You are welcome to choose our 360 Panoramic auxiliary system! For you to use the machine correctly, please read the random instructions carefully before use. We will strive to provide you with better products and services!

Chapter 1 Product Introduction

This product is an advanced driving assistance system integrating panoramic view (around 360 without dead corners) driving records (video), start, reversing, parking surrounding image environment observation. When the vehicle starts and reverses, the driver can not only observe the blind area through the front and rear cameras, but also see the real-time situation in all directions in front and back on the panoramic image, so as to avoid causing damage to the children and small animals in the blind area in the front and back of the car and scraping the car. When parking in place, because the real image can observe the front and right, plus the reversing identification line prompt, you can timely grasp the distance between the car and the car, the car and the obstacles, so as to avoid scraping other vehicles and touching obstacles. In the process of driving, the product for real-time video, so whether the accident scraping, or deliberately "racketeer blackmail" can be used as their own strong evidence, a good division of responsibility.

In the case of complex road conditions, narrow road surface, crowded traffic and many cars, caused by watching the real-time images around the vehicle in real time, the driving safety factor is increased.

1.1 Product switch and off steps

Automatic switch machine

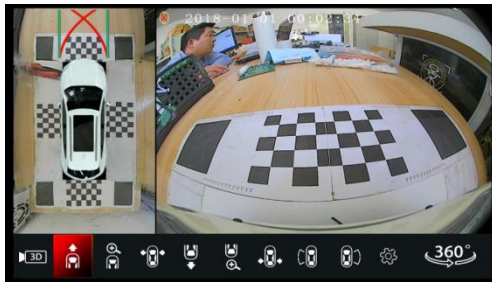
- The power cable takes the ACC, the camera will automatically turn on and video for about 10 seconds after the car is started; set when the car stops
- The power cord takes a long power, and the camera will automatically cycle after the car is started and stalled.

Chapter 2 Requirements for installation

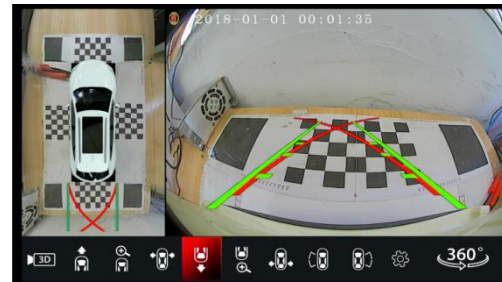
1. Before installation, determine whether the reversing video connection and video control line of the installed car display are available, and then the call may be reverse detection line, signal control line, panoramic control line, etc., aiming to cut the display into the video state, some displays do not have reversing control line, but can also be installed with video priority input. If the display or on-board DVD adopts bus control, other functions can be realized through AV input or AUX.

2. Find a spacious place when installing.

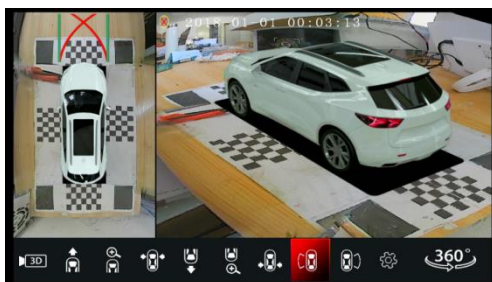
2.3 Display screen turns to reverse normally when driving



Display the screen during normal driving



Display the screen when reversing

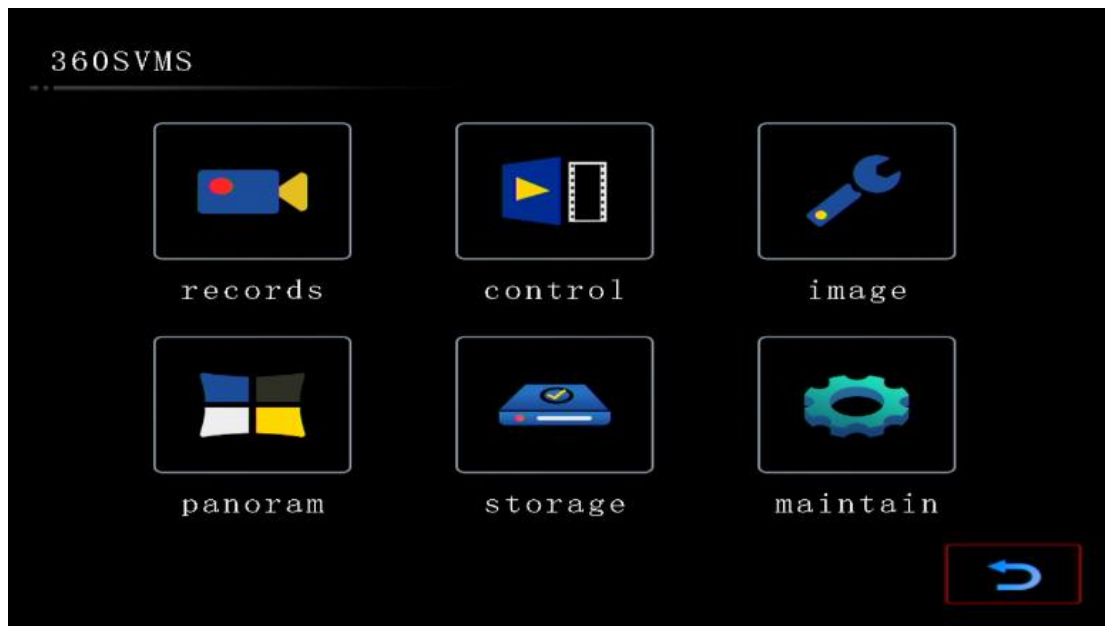


Turn left to display the screen

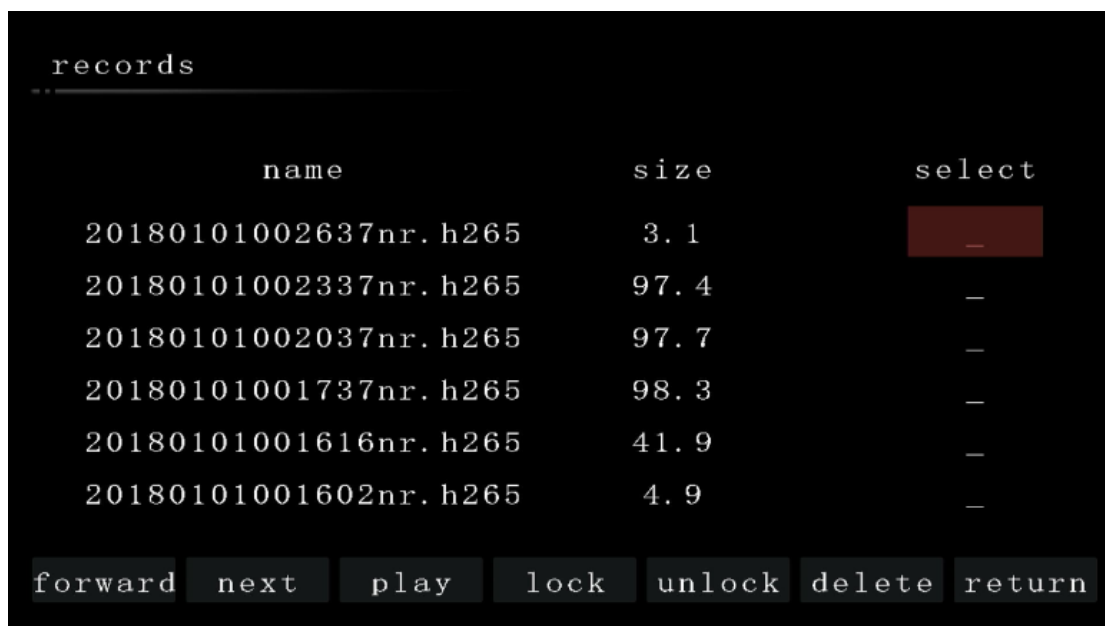


Turn right to the display screen

Chapter 3:360 Panoramic function description



3.1 Video management



1. Video list: You can select the box in front of the playlist separately
2. Play: select the video file that needs to be played back, watch the video, press the direction button to play up and down the video before and after separately, and press the confirmation button to play back to the four video screens at the same time.
3. Delete: Select the video file to be deleted to delete it
4. OK: Select the video file to be locked to lock the file

5. Unlock: Select the video file to unlock and unlock the file

3.2 Control settings

The screenshot shows a terminal-style interface with a black background and white text. At the top, the word 'control' is displayed. Below it, a horizontal line separates the title from the settings. The settings are arranged in a grid-like fashion. The first row shows 'data time' followed by a dark blue bar containing the text '2018-01-01 00:31:29'. The second row has 'lang' with a dropdown menu showing 'EN' and a downward arrow, followed by 'protocol' with a dropdown menu showing 'bagoo' and a downward arrow. The third row has 'trail' with a dropdown menu showing 'set', followed by 'time' with a dropdown menu showing 'invalid' and a downward arrow. The fourth row has 'PV' with a dropdown menu showing '12.2' and left/right arrows, followed by 'auto timin' with a dropdown menu showing 'valid' and a downward arrow. The fifth row has 'set model' with a dropdown menu showing 'set', followed by 'user set' with a dropdown menu showing 'set'. At the bottom right, there is a button labeled 'return'.

control			
data time	2018-01-01 00:31:29		
lang	EN ▼	protocol	bagoo ▼
trail	set	time	invalid ▼
PV	◀ 12.2 ▶	auto timin	valid ▼
set model	set	user set	set
return			

1. time allocation

Used to change the system video time, the system time must be set after the installation, otherwise the system video time is not allowed, causing the video evidence collection time is not allowed. Press the direction key to move around, and the direction key to change up and down.

2. system language

Select the system language and change the direction key up and down.

3. wheel path



3.1, Scale bar line

Set the ruler line is a dynamic track or ruler line, the direction key changes up and down.

3.2 type

Select the track type, corresponding to the corresponding model, the direction key up and down the modification.

3.3 trajectory

Set the dynamic track line forward or reverse, and the direction key changes up and down.

3.4 detonate by contact

You can set the trigger type and change the direction keys up and down.

4. time display

Set whether the image main interface will display the time, and change the direction key up and down.

5. Protect voltage

After the parking monitoring function is enabled, the system voltage below the value of the system can be automatically shut down, so as not to use out the car battery and change the direction keys.

6. Car model setting

通用SUV	通用SUV	通用轿车	通用轿车	奥迪SUV
奥迪SUV	奥迪轿车	奥迪轿车	宝马SUV	宝马SUV

save

return

This page is used to set the color of the model, the first line of choosing the model you need to change the color, the bottom of the model color, choose to click to save.

7.communicating protocol

According to the protocol according to the requirements, in order to prevent the user from misselecting, so the user needs to open the selected drop-down list, the key to use the remote control 70 times to unlock (the key speed can not be too fast), the choice will be automatically restarted.

8.user set

user set

monitor	1M	ori radar	open
EMG SWT	LR	ori orbit	open
turn SWT	invalid	sleep dela	1S
speed SWT	hold	switch del	1S
display mo	3D1	radar disp	radar1
PRadar	valid	radar wake	valid
		door wakeu	valid

save

return

8.1 monitor

Set the 360 panoramic image to continue working hours (video) , the direction key changes up and down.

8.2 Double Flash Switch

Set the double flash mode and switch, change the direction key up and down.

8.3 turn signal switch

To set whether 360 panoramic image is displayed when turning, change direction key up and down

8.4 High speed video

Set the switch of video at high speed. This function will be effective only after the decoder is installed on the screen of some original cars. When the speed is lower than 30 yards, 360 panoramic images will be displayed by turning left and right (turn signal switch is turned on), and direction keys will be changed up and down

8.5 display mode

Set the display mode of the car (2D/3D), change the direction key up and down

8.6 The original car P bond

Set the open and close of the original car P key, and change the direction key up and down

8.7 According to delay

Set how long it will take to switch the navigation system when turning on, and change the direction key up and down.

8.8 Switch time delay

Set display 360 panorama image switching delay, direction key up and down change

8.9 According to the radar

Set the radar on and off, you can choose to open the left or right radar, direction key up and down change

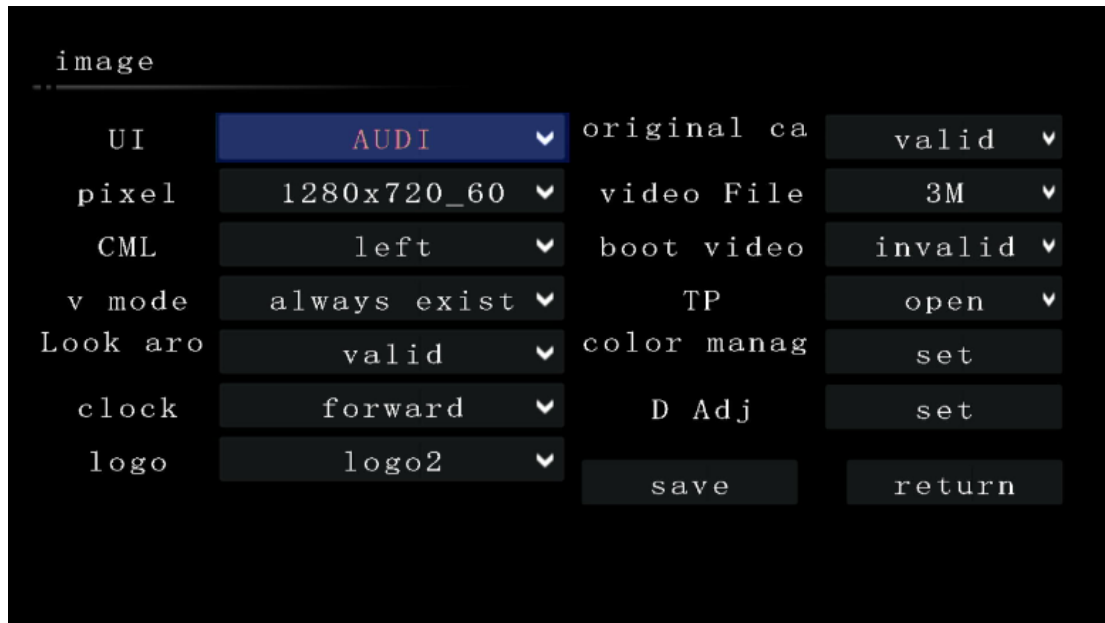
8.10 Radar wake up

When radar wake up is on, the radar can automatically wake up 360 panoramic image, and the direction key is changed up and down

8.11 The door awakened

When the door is opened, the 360 panoramic image will be automatically woken up when the door is opened, and the direction key will be changed up and down

3.3 Output Display



1. Private car interface

Select the corresponding model, different models corresponding to different interface, the direction key left and right change.

2. Resolution

Hd resolution (1280x720) is recommended. In order to prevent the user from making a wrong selection, after opening the drop-down list of selection, the user needs to press the number key 7 times with the remote control to unlock it (the speed of the button should not be too fast). After the successful selection, click save and the system will restart automatically.

3. Position of car model

Set the car model 360 on the left or right side of the system image main interface, and change the direction key up and down.

4. Video mode

To set whether the video signal is regular, it is recommended to select video regular, direction key up and down change.

5. Start up and look around

When the 3D car model is turned on, you can set whether to open by yourself.

6, clock

Set the clock mode to forward or reverse.

7. Look behind the original vehicle

To set whether to use the original car's rearview camera, change the arrow keys up and down.

8. Video files

To set the duration of a video recording file, use arrow keys up and down.

9. Boot video

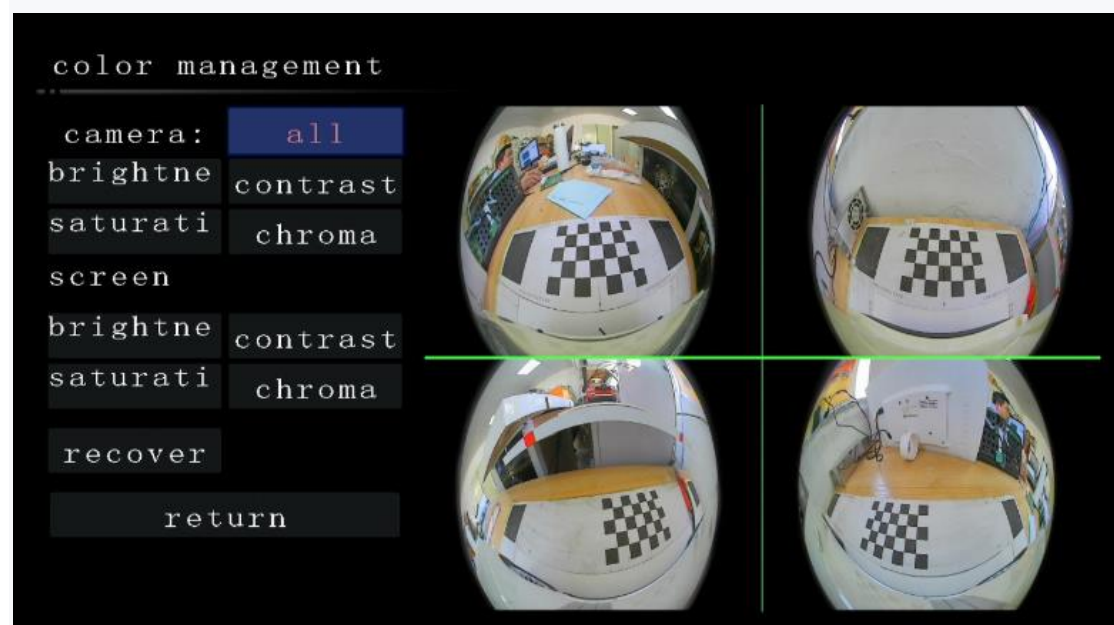
Set whether 360 panoramic image will be displayed automatically after the navigation system starts, and change the direction key up and down.

10. Touch Settings

Touch function can be set up to calibrate 360 panoramic touch accuracy. Click this function to display the following picture, click on the picture to calibrate.

11. Color management

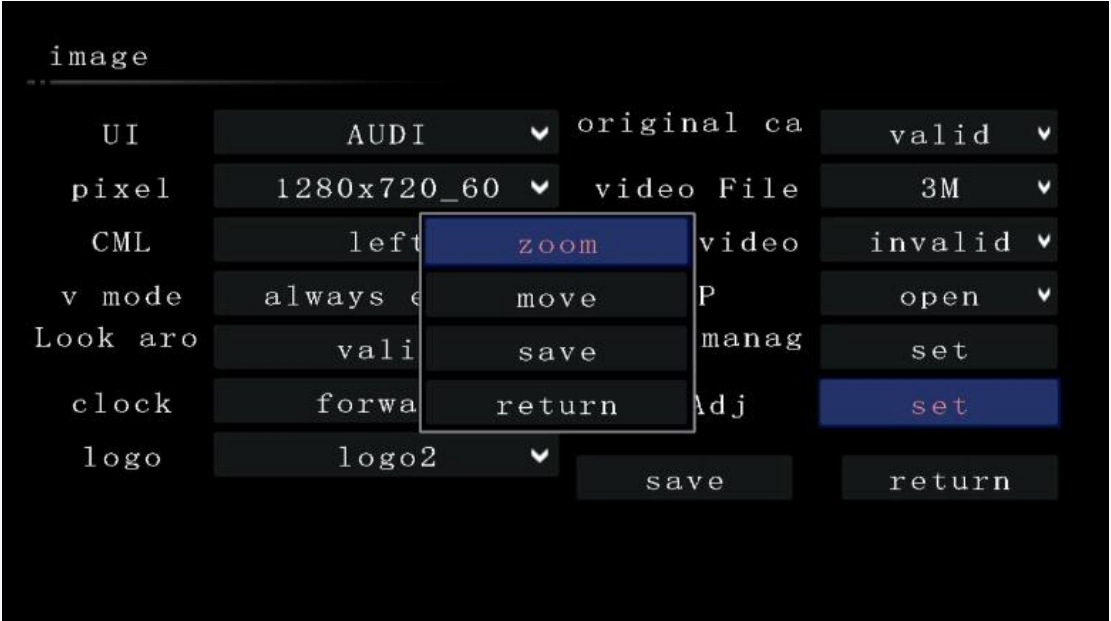
Adjust the brightness, contrast, saturation and chroma of the lens and display screen. Select the lens with arrow keys and change the value with arrow keys.



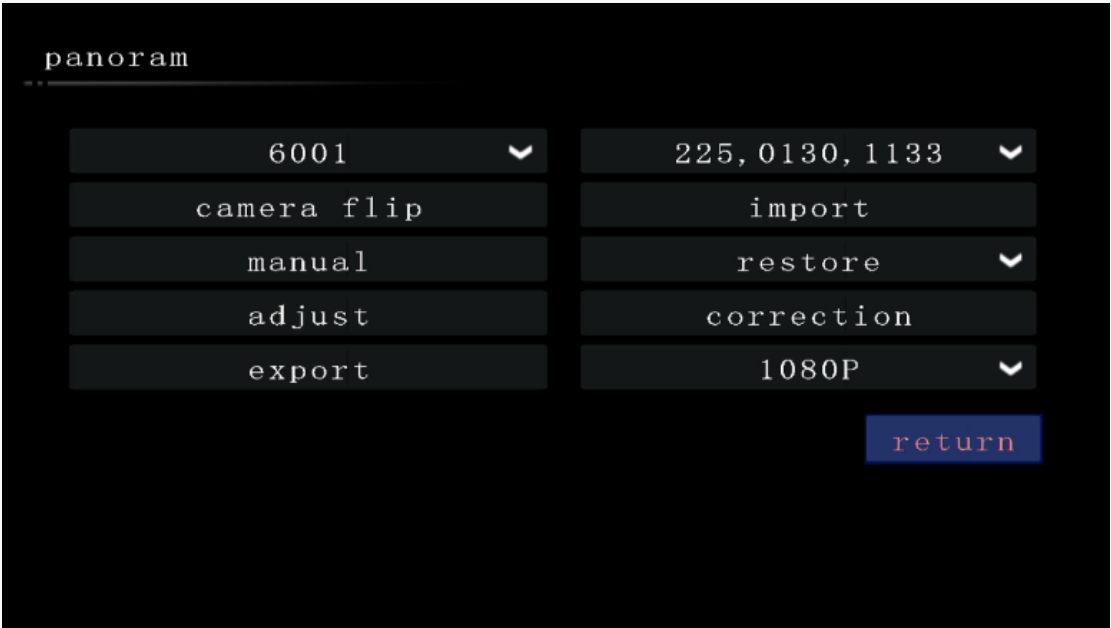
12, display adjustment

Click "Settings" and the debugging box will pop up as shown in the following figure. First, select "Zoom" and adjust the display size. Right click "zoom" to zoom out and left click "zoom out" to zoom in.

Then select Move, use the arrow keys to move the display area, select the appropriate location, and click Save.



3.4 Splicing Debugging

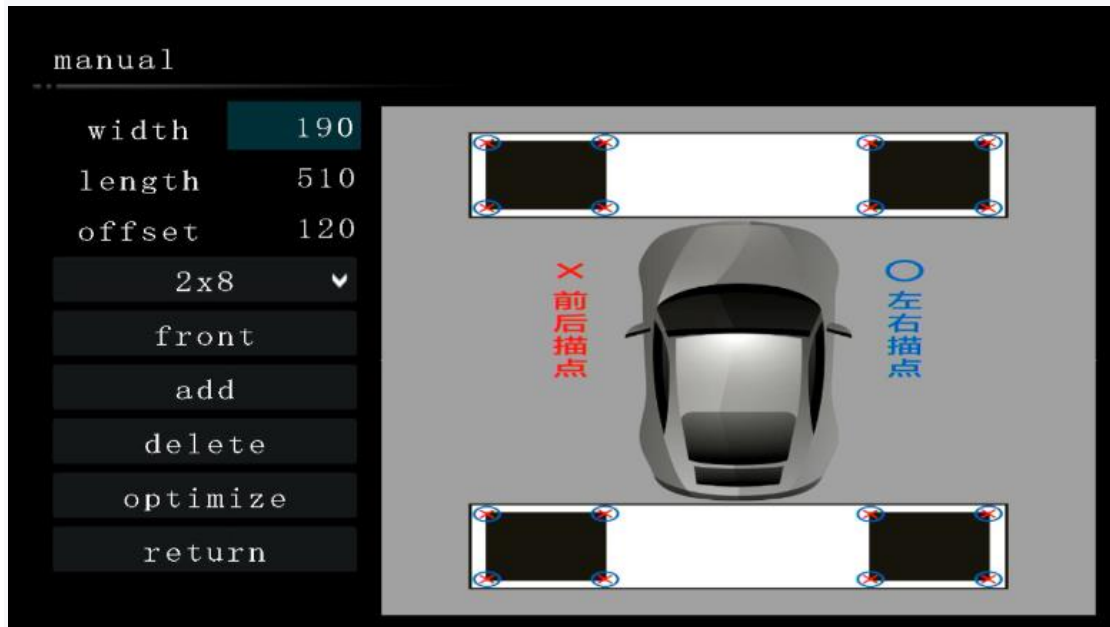


3.4.1 Lens parameters

Select the corresponding camera parameters for better image and stitching effect, and change the direction key up and down

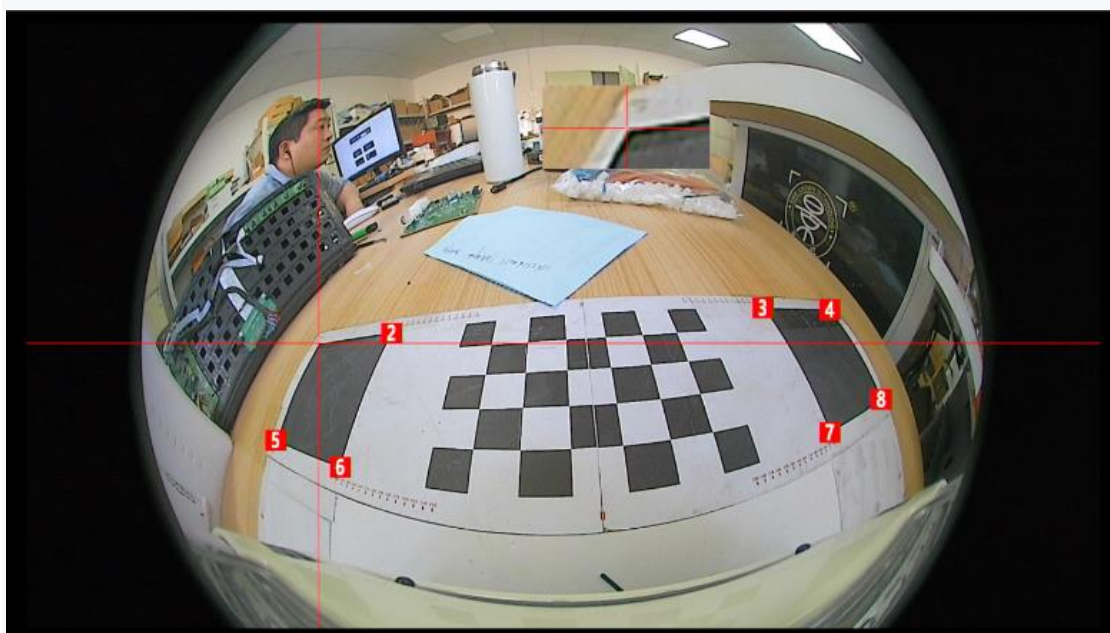
3.4.6 Panoramic Stitching

Panoramic stitching is divided into four ways, including 2 big 8 spots, 2 big 2 black spots, 4 small 4 spots, 2 big 2 small black spots. Among them, 2 big cloth 8 points, 2 big black for manual stitching, 4 small cloth 4 points, 2 big 2 small black for automatic stitching.

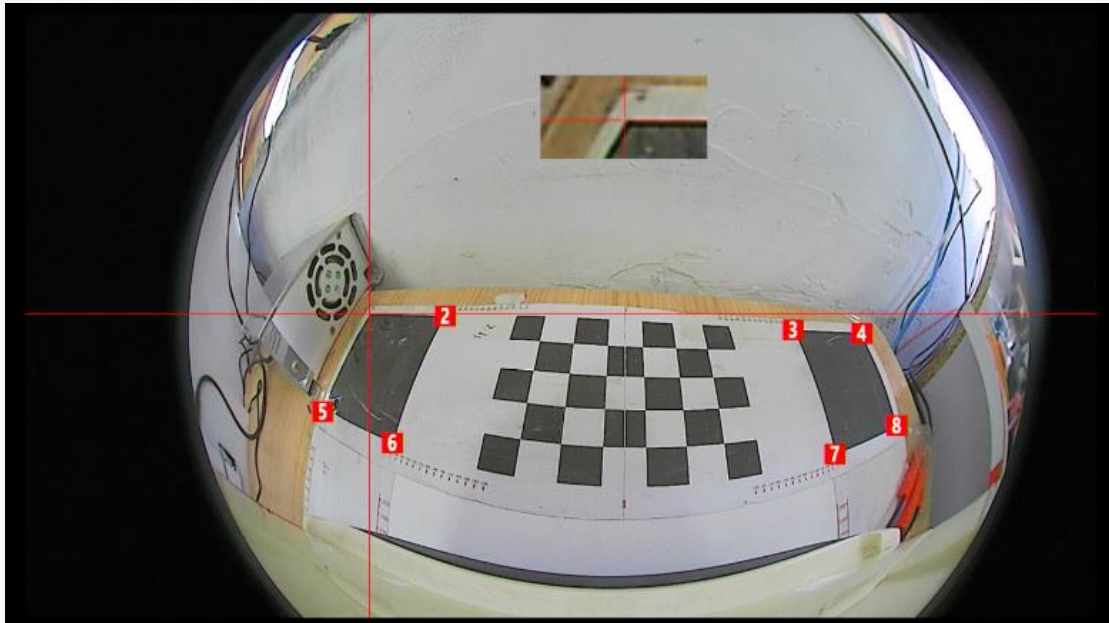


Note: Width, length, left/right offset input this function is used for 4 pieces of 1.2 m checkerboard puzzle cloth, two large pieces do not need to enter this value.

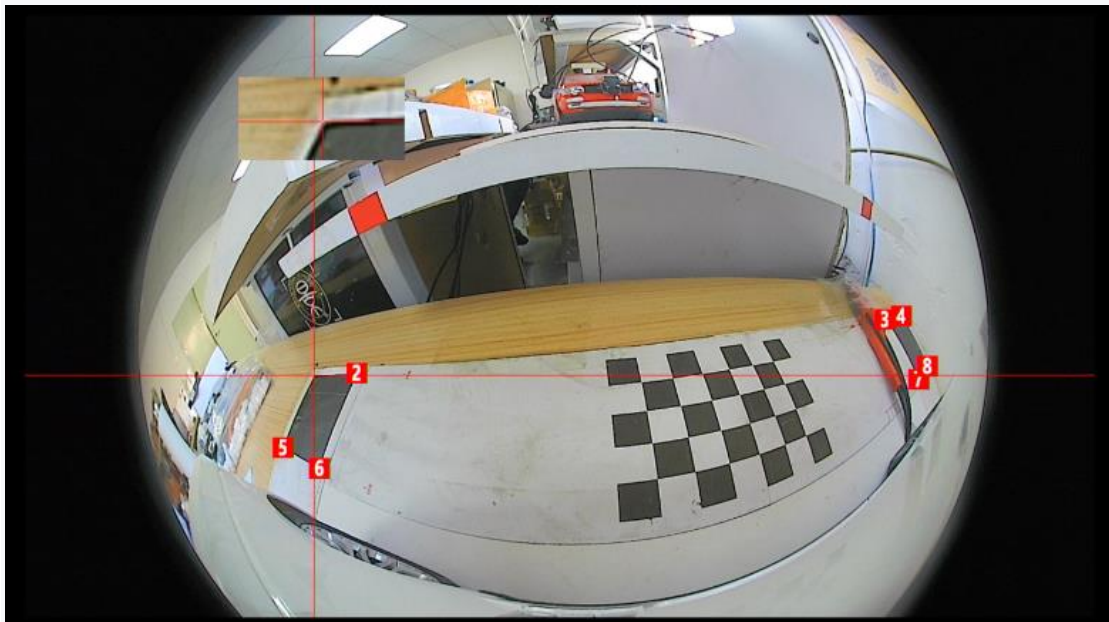
2 large cloth 4 dot diagram



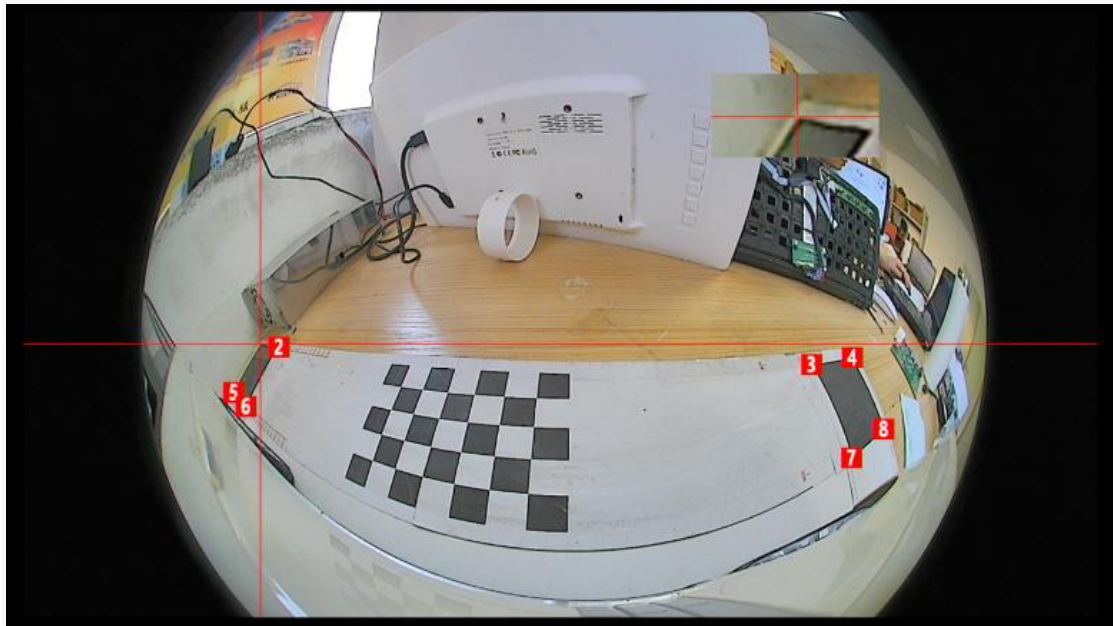
Front camera stroke point sequence



Rear-camera tracing point sequence



Left camera stroke point sequence



Right camera stroke point sequence

Select the corresponding lens (front, back, left and right) to add the marking point. If the marking point is incorrectly described, select delete the marking point.

3.5 Storage Management

360 Panorama system cannot identify the USB flash drive. You can format the USB flash drive (save important video files before formatting) to view the storage capacity of the USB flash drive.

storage

mem Inf	total (GB)	free (GB)
USB	14.935	10.372

format pop return

3.6 System Maintenance

maintain

version
upgrade APP
upgrade Dec
upgrade ui
restart
storage
return

View the system version information, upgrade system programs, upgrade expansion modules, upgrade LOGO, and reset the system.

Troubleshooting Common Faults

1. If the car is not turned on after starting, please check whether the connection line is normally energized.
2. If the system freezes, press the RESET button.
3. Video becomes blurred: please check whether there is dust on the lens and wipe the lens and front windshield!
4. Press the power button and the power cannot be turned on. Check whether the cable is powered on normally.

Disclaimer that

1. 360 panoramic auxiliary system is an instrument for recording related information such as images and sounds during vehicle driving, which is only used as auxiliary reference in case of accidents.
2. The audio of 360 panoramic auxiliary system is used as reference. Our company will not be liable for bad files or data loss caused by abnormal conditions of the machine.