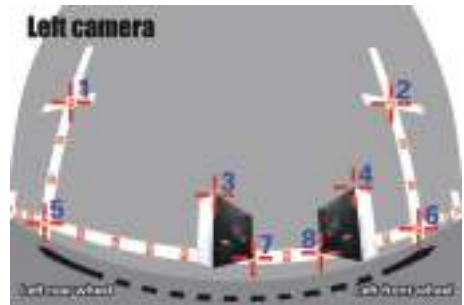
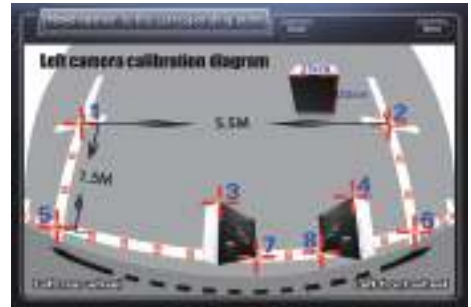
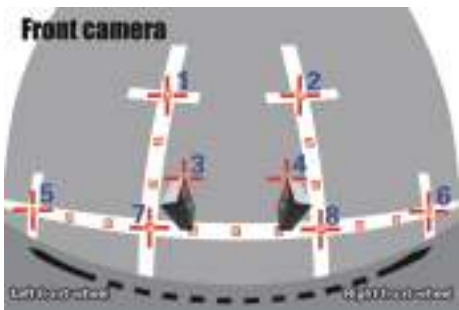


Calibration Points Marking

You can start calibrating the four cameras one by one when the cursor is blinking. Moving the cursor to the corresponding locations by the remote control buttons of up/down/left/right, then press the "ok" button to mark the current calibration point in the screen and then the system menu will guide you to the next calibration pixel point in order from 1 to 8 one by one, please see the correct location and sequence of the calibration points as below pictures:



Press the red **"Mode"** button to toggle to previous calibration point selection when needed.

Notes: Please pay very close attention to where the calibration pin location for number 7 and 8 as they are different. The more accurate calibration points you mark, the better quality of the panoramic image merging will be.

Camera Calibration

Image Calculation



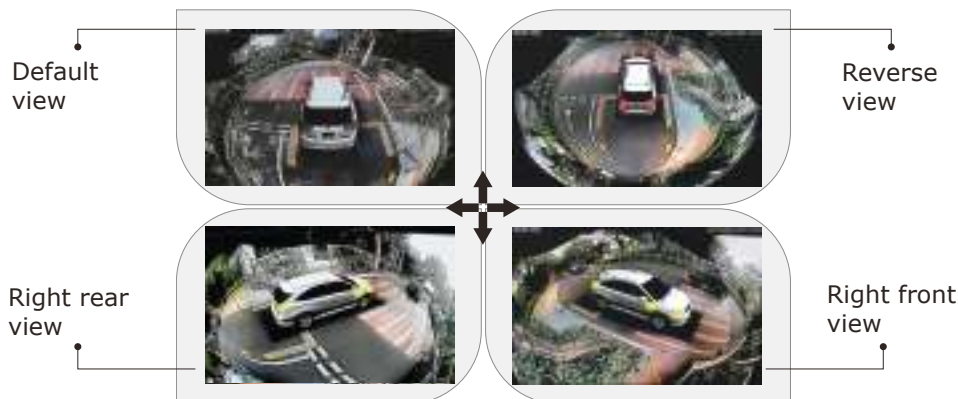
Press "OK" to go proceed.

Please do not shut down during this operation,
System will reboot automatically.

User Settings

Visual angles Distributing Modes

Full Screen



Split Screen



Menu → User Settings → Window Configuration

Function Settings

Parameters Setting and Menu Description



Menu Item	List Options	Description
Activate Turn Signal	ON / OFF	Turn signal function will activate only if the wires are connected to the turn signal indicator/bulb of the vehicle. If the function is set to ON, the system will display the side of the vehicle to show blind spot or camera view.
Turn Signal Wakeup	ON / OFF	This option is to trigger the monitor by turn signals ONLY if the monitor is not displaying the 360.
Emergency Blinker Wakeup	ON / OFF	The Hazard/Emergency blinker to overwrite or to turn ON/OFF the display.
Button switch	ON / OFF	The switch will provide different viewing options. Default is 2D and 3D 360 display. If the button is pressed, the display will change to 2D and camera view display.
Recording Function	ON / OFF	To control the record function of the DVR. function is ON or OFF.

Interface Settings

Parameters Setting and Menu Description



Menu Item	List Options	Description
Language Settings	English	Default
Vehicle Brand Settings	Small / Medium / Large	
System Mode Settings	Split Screen Full Screen	Dual Screen Mode Options
Screen Position Up / Down	-9 ~ +9 Pixel	Screen TCON horizontal
Screen Position Left/Right	-9 ~ +9 Pixel	Screen TCON vertical front

Upgrade & Restore Settings

Parameters Setting and Menu Description



Menu Item	Descriptions
System Restore	System restore to save user preference of video settings / window configurations etc..
Upgrade Options	To update the firmware.
Version Information	Firmware version: HW.6030.R2.04 MCU version: SW.6030.R2.15

Other Settings

Parameters Setting and Menu Description



Menu Item	Options	Descriptions
Emergency Blinker Wakeup Duration	30S / 1Min / 3Min / 5Min /	System enter screen saver mode without operation
Display Turn Off Delay	0S / 10S / 15S / 30S Infinity	Monitor display delay
Trigger Delay	0S / 3S / 5S / 10S / 30S	Turn signal and reverse trigger delay
Reversing / Turning Wakeup Duration	0S / 3S / 5S	Turn signal and reverse trigger duration
Standby Duration	0H / 0.5H / 1H / 3H / 5H / 12H / 24H	Standby duration after ACC is off
Vibration Sensitivity	Low / Medium / High	1 minute after the ACC is OFF, the system will enter standby mode. The DVR will start recording instantly after detecting a shock.

Video Settings

Parameters Setting and Menu Description



Menu Item	Options	Description
Saturation	-9 ~ +9	Adjust input video saturation
Brightness	-9 ~ +9	Adjust input video brightness
Contrast	-9 ~ +9	Adjust input video contrast
Sharpness	-7 ~ +8	Adjust input video sharpness

User Settings

Video Recording Functions

The RDV360-3D can also display and record individual camera view with the function of "loop" recording to overwrite the old recorded files when the memory is full unless the video file is locked. The memory slot can support up to 32GB micro SD card.

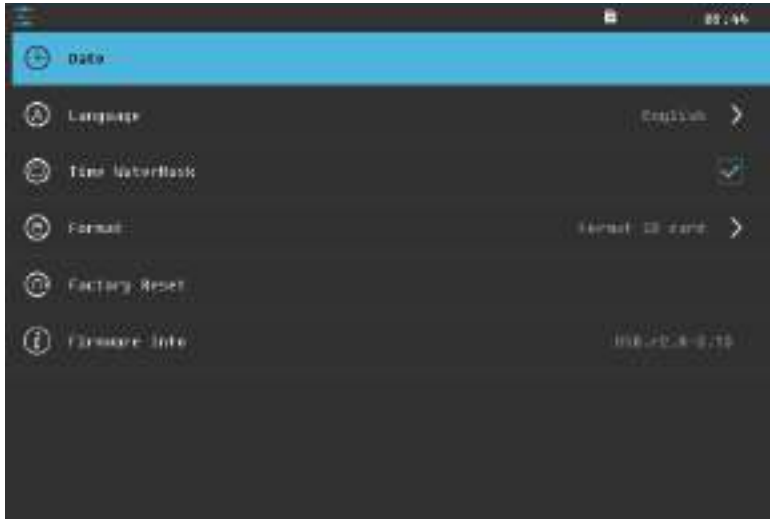


Recording Parameters

Basic Settings

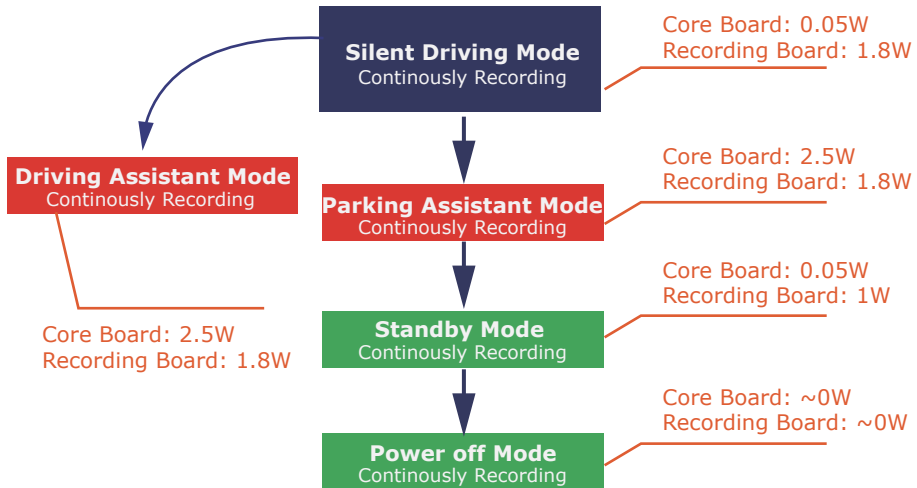


1. Long press "Mode" button to switch to recording system menu.
2. Press the "OK" button to stop current recording.
3. Using "Up/Down" button to navigate between recorded files as per date and timeline.
4. Press "OK" to enable video playback of the highlighted file. User can enlarge or focus to one camera only by pressing the arrows on the remote control.



Menu Item	List Options	Description
Date		Change system time
Language	English/Japanese/Korean/Russian/Simplified Chinese	
Time Watermark	ON/OFF	
Format		Format the TF Card or USB Disk
Factory Reset		
Firmware Info		

Smart Power Management Strategy



Silent Driving Mode

Silent Driving mode is the most frequently used while driving. The system continuously recording until the memory card is full. Note: USB input is the higher priority over the SD card slot.

Driving Assistant Mode Parking Assistant Mode

Constantly display the full function of the RDV360-3D. The display will depend on the driver what mode it wants to show on the monitor.

Standby Mode

Standby mode will only start recording when the ACC is OFF and the G-sensor senses a shock.

Power Off Mode

The system will power OFF completely unless the G-Sensor is set to ON. If G-sensor is active, the system will consume voltage and automatically shut down if the voltage drops to less than +11V.

Troubleshooting

The following checklist can help you solve the problems which you may encounter when using the unit. Before consulting it, check the connections and follow the instructions in the user manual.

Problem	Possible cause	Solution
General		
The unit will not switch on	Car ignition is not on. Cable is not properly connected Fuse is burnt	Turn the key to ignition position and check the ACC wire of the RDV360-3D. Make sure the system is receiving proper voltage before and after the fuse.
USB/SD mode		
Unable to insert USB device or SD card	The memory card or USB device has been inserted the wrong way round	Insert SD card / USB the other way around
The USB device or SD card cannot be read	NTFS format is not supported	Check that the USB disk file system is in FAT or FAT32 format. Due to different formats, some models of USB storage devices or MP3 players may not be read
Remote control		
The remote control is not working or does not work properly	The battery is low or empty	Change the battery

One Year Limited Warranty

RYDEEN (a manufacturer of "RYDEEN" products) warrants this product (RDV360-3D) only to the original purchaser as described following:

Warranty Period

RYDEEN warrants this product for a period of one (1) year from the original purchase date.

Warranty Coverage

This warranty covers all defects in material and workmanship except as specified below.

1. Installation by anyone other than an authorized RYDEEN Mobile Retailer may void the warranty.
2. Any products distributed outside of the USA by RYDEEN North America Inc. (RYDEEN) or which is not purchased in the USA or Canada unless the product is purchased through the USA Military Exchange Service.
3. Any product(s) which are purchased from an unauthorized retailer (in store or online).
4. Any products in which the serial number label or the model number label are removed, torn, modified or replicated.
5. Any damage defects or malfunctions resulting from any of following:
 - a) When defect occurs during shipment of product (freight carrier's responsibility).
 - b) Installation or removal of product.
 - c) Accidents, act of nature, misuse, abuse, neglect, unauthorized product modification or failure to follow product owner's manual instructions.
 - d) Any repair or attempt to repair without RYDEEN authorization.
 - e) Any other cause which is not related to product defect.
 - f) Any cosmetic damages due to normal wear and tear.
 - g) Any consumable items (such as fuse or batteries).

If any problems develop with your RYDEEN products during or after the Limited Warranty Period, or if you have any questions regarding the operation or installation of the product, you should contact your RYDEEN retailer.

To Obtain Warranty Service

If warranty service is required for your RYDEEN product:

1. Please call RYDEEN Customer Service Department at 1-877-777-8811 (within the USA only), Monday–Friday between 9:00 AM to 4:00 PM Pacific Standard time and obtain a Return Authorization Number ("RA") Number.

2. Please pay for any shipping charge to RYDEEN Customer Service Department.

RYDEEN will pay the return shipping charge, if the repair or service was performed during the warranty period. RYDEEN will ship freight collect (Recipient is responsible for shipping charge) if RYDEEN determine the service was performed outside of warranty period or exclusions described above. RYDEEN will not accept warranty service requests from outside of the U.S.A. even if product was purchased in the USA.

3. Please include a copy of your original purchase receipt including RYDEEN product model number, purchase date, retailer name/address and a RA Number whenever your product is sent for warranty service.

4. RYDEEN will pay for all labor and material expenses for covered product during warranty period.

5. Shipping address for RYDEEN Customer Service Department is following:

RYDEEN (a manufacturer of RYDEEN products)

2707 Plaza Del Amo, Suite 604, Torrance, California 90503, USA

FCC Compliance Statement

This device complies with Part 15 of the FCC interference limits for Class B digital devices for home or office use. These limits are designed to provide more reasonable protection against harmful interference in a residential installation and are more stringent than "outdoor" requirements.

Operation of this device is subject to the following conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

CE Compliance Statement

This device described above has been tested, and the test results show that the equipment under test (EUT) is in compliance with the 2014/30/EU requirements. And it is applicable only to the tested sample identified in the report.

Operation of this device is subject to the following conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Disclaimer

The information in this user manual is for general guidance. Images in the manual may not represent the exact images that are displayed in the operating system software. Some features described in the manual may not be available or the features described may be limited, depending on the updated software or any other reasons.