

PYLE

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PLCMDVR8

Backup Camera Parking Assist System

Dual Cameras and Monitor with Image and Video Recording

USER MANUAL

BUTTON CONTROL & SYSTEM LAYOUT



MIRROR ASSEMBLY CONTROL

- A. MICROPHONE
- B. VIDEO (CAMERA) DISPLAY
- C. VOLUME DOWN
- D. POWER
- E. VOLUME UP
- F. MENU/BACK TO VIDEO DISPLAY
- G. LCD MONITOR
- I. BUILT-IN SPEAKER
- J. POWER & WIRING CABLE
- K. ADJUSTABLE CAMERA
- L. MICRO SD (FOR DVR- RECORDING)



DVR POWER ON/OFF



OSD

1. Turn on DVR

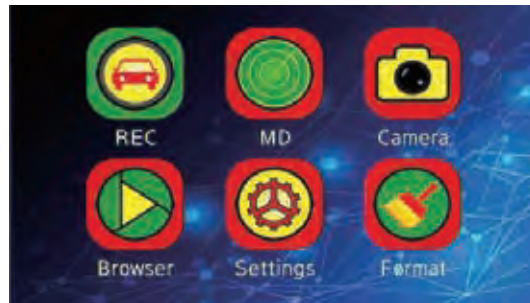
Start car engine to turn on DVR power

2. Turn off DVR

Shut off car engine to turn off DVR power.

Note: Short press button , DVR will turn to sleep mode only.


MAIN MENU



Main Menu

When you select an icon, the selected icon turns green

BUTTONS

: Short press "off" to enter sleep mode.

UP: Cursor left

DN: Cursor right

OK: Enter/execute the menu selected

MENU: No function

DRIVING RECORD FUNCTION



Driving record image



SOS image

1. ICONS

- Sound recording on
- Sound recording off
- System beep on
- System beep off

2. FUNCTION DESCRIPTION

Stop recording: Make sure that the SD card is fully inserted or it will stop recording.

Normal recording: In loop mode, whenever the recording time reaches user-set loop recording time, a new file will be saved. When SD card capacity is full, current recorded normal video file will overwrite the previous saved files.

SOS recording: Once G-sensor detected value exceeds a given threshold value, it will turn to SOS recording and current video will be saved as SOS file. In loop recording, SOS file is saved as three video files(previous video, current video and next video when entering SOS state), which will not be overwritten. When SOS recording is finished, it will return to normal recording.

Auto power off after car stopped: When the car is stopping and DVR under normal recording mode, G-sensor will be detected and if G-sensor detected value not exceed threshold value (This value is not same as event trigger value and cannot be set by user) within 5 minutes, the unit will power off automatically.

3. BUTTONS

⏻ : Short press " off " to enter sleep mode.

OK: Enter/Exit SOS recording

MENU: Exit recording and back to main menu

MOTION DETECTION



Motion detection image

Open motion detection function when car is stopping. When recording image changes, it will turn to normal recording; when image is static again, it will continue recording and turns back to motion detection state once it reaches motion detection recording time in setting menu.

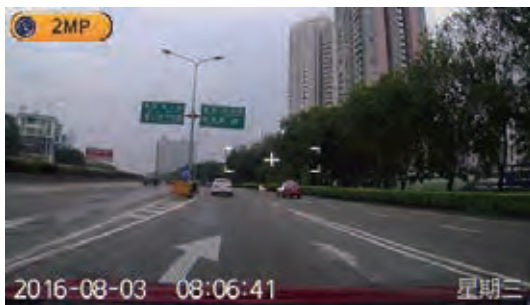
1. ICONS

10s means when recording image changes and becomes static again, it will continue recording for 10 seconds and then stop.

2. BUTTON FUNCTION

- ⏻: Short press " " to enter sleep mode
- UP: No function
- DN: No function
- OK: No function
- MENU: Exit recording and back to main menu

CAMERA FUNCTION



Camera image

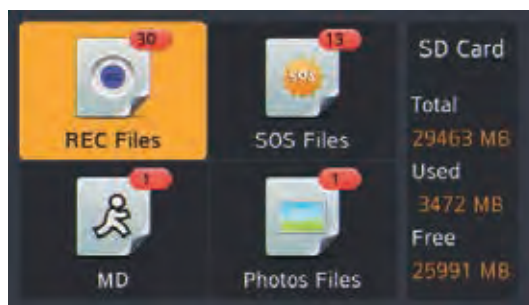
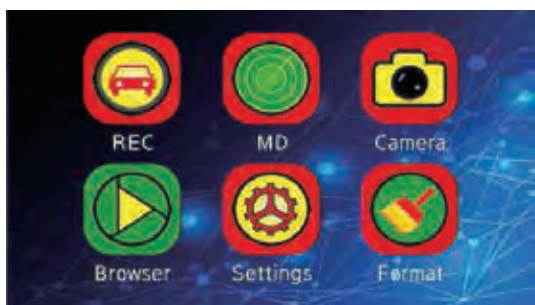
In this mode you can shoot photos of the following sizes:

14MP	12MP (4000 x 3000)
8MP (3264 x 2448)	5MP (2560 x 1920)
3MP (2048 x 1536)	2MP (1920 x 1080)
1.2MP (1280 x 800)	VGA (640 x 480)

BUTTON FUNCTION

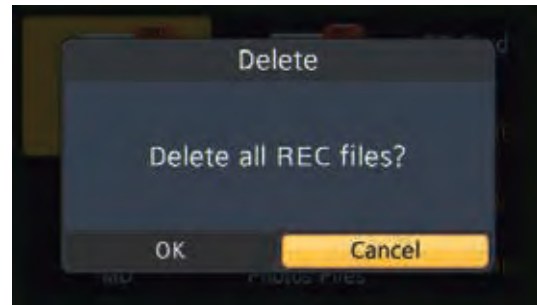
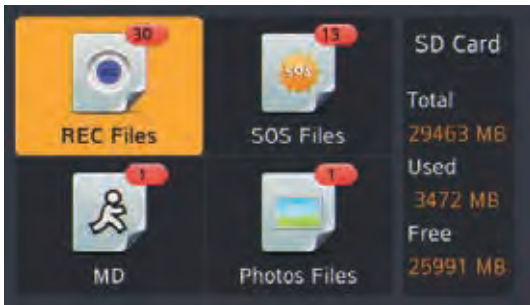
- ⏻: Short press "⏻" to enter sleep mode.
- UP: Zoom in
- OK: Shoot a photo and save image into JPG format to SD card.
- M: Exit picture size setting interface or camera function.

FILE BROWSER



1. The number shows the quantity of documents contained in the four project folders 'REC Files', 'SOS Files', 'MD' and 'Photos File'.
2. Shows memory usage of current SD card.

1. ICONS



1. DELETE FILES

Select the files that you want to delete, long press 'UP' button, then click 'OK', the files selected in the project folder will be deleted.

Note: Deleted files in four folders cannot be recovered.

2. BUTTON FUNCTIONS

⏻: Short press "⏻" to enter sleep mode.

UP: (Short press): Cursor left

UP: (Long press): Delete file message.

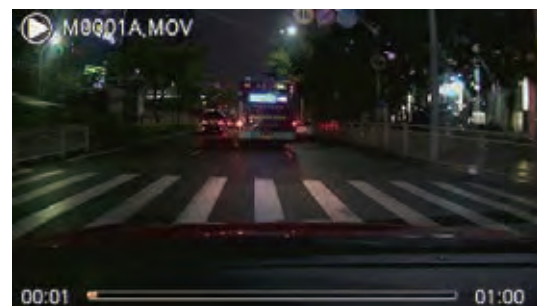
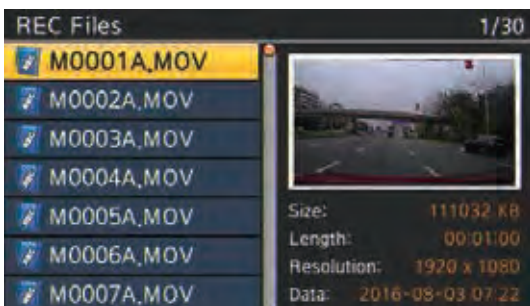
DN: Cursor right

OK: Enter the project folder selected

MENU: Exit File Browser and back to main menu

REC FILES

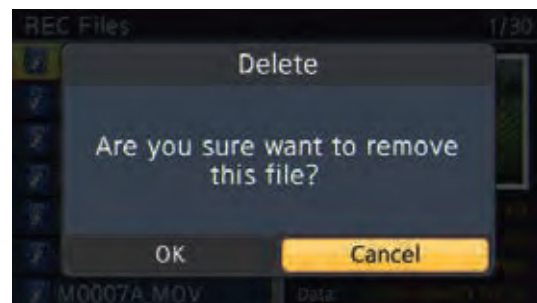
Image File Playback



Select the image file that you want to replay, then click 'OK'.

When the selected file is done playing, it will continue to play subsequent files.

DELETE IMAGE FILE



Select the image files that you want to delete, long press 'UP' button, then click 'OK' the image files selected will be deleted.

Note: Deleted image files can not be recovered.

BUTTONS

⏻: Short press "⏻" to enter sleep mode.

UP: Select previous file

DN: Select next file

OK: Pause/Resume play

MENU: Exit play

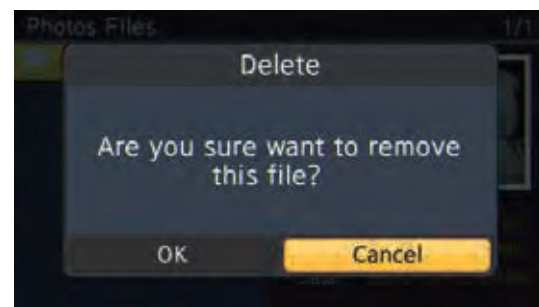
SOS FILES

The operation and button function is same as 'REC Files'.

MOTION DETECTION

The operation and button function is same as 'REC Files'

PHOTOS FILES



1. DELETE PHOTOS

Select the photo file that you want to delete, long press 'UP' button, then click 'OK', the file selected will be deleted.

Note: Deleted files can not be recovered.

2. BUTTON FUNCTION

⏻: Short press "⏻" to enter sleep mode.

UP: (Short press): Select the previous file

UP: (Long press): Delete file message.

DN: Select next file

OK: Open selected file.

MENU: Exit and return to previous menu.

SETTINGS

Recording Mode



1. VIDEO QUALITY

1296SHD: 2304x1296;

1080FHD: 1920x1080;

720HD: 1280x720;

2. BUTTON FUNCTION

⏻: Short press ⏻ to enter sleep mode.

UP: Select previous item

DN: Select next item

OK: Enter settings or confirm the change of settings.

MENU: Exit or discard the change of settings.

Note: If no special instructions, the button function operation for all settings are same as above.

PHOTO SIZE



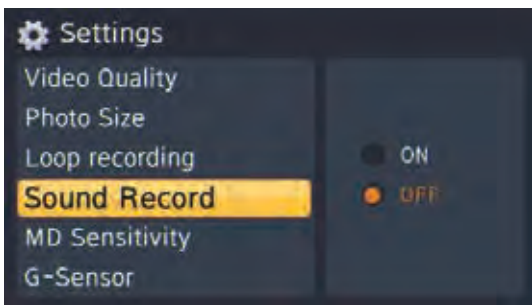
Photo size can be set as 14MP, 12MP, 8MP, 5MP, 3MP, 2MP, 1.2MP, VGA

LOOP RECORDING



Loop recording time can be set to 1 minute/ 2 minutes/ 3 minutes for each file.
Default setting is 1 minute.

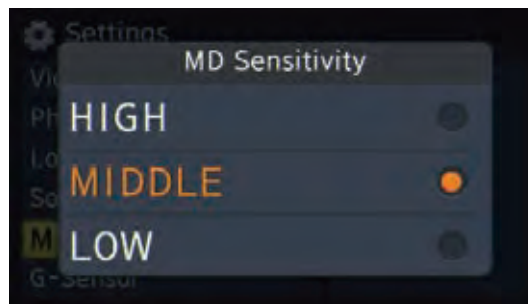
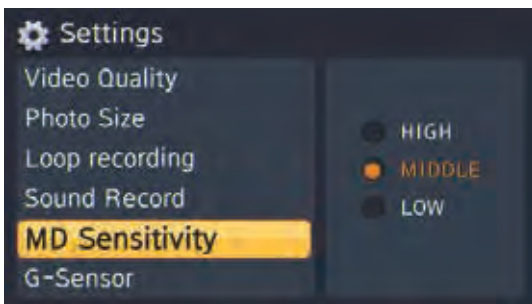
SOUND RECORD



ON: Record video with sound (default setting)

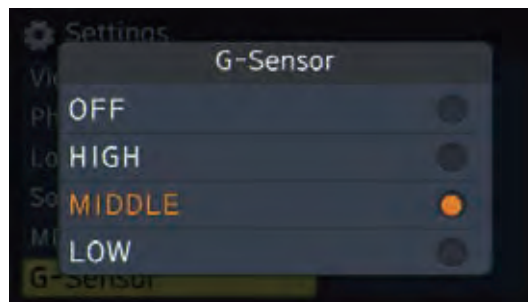
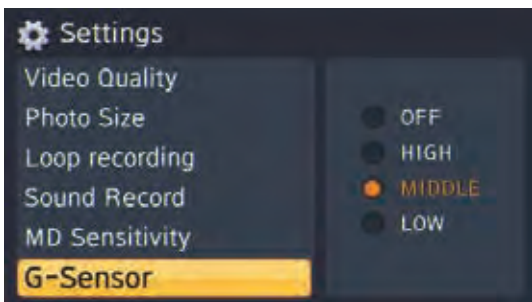
OFF: Record video without sound.

MD SENSITIVITY



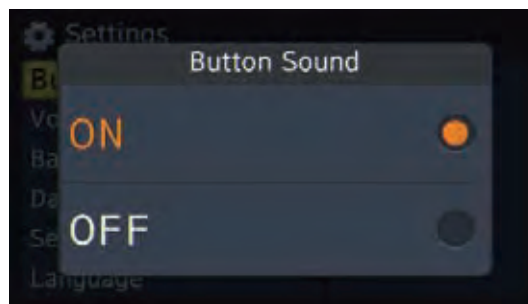
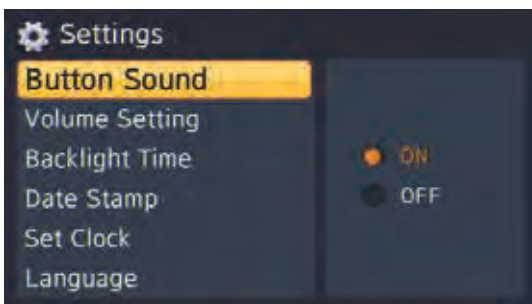
Set MD sensitivity as HIGH / MIDDLE / LOW.

G-SENSOR



Off/High/Medium/Low sensitivity for different environment. Default setting is MIDDLE

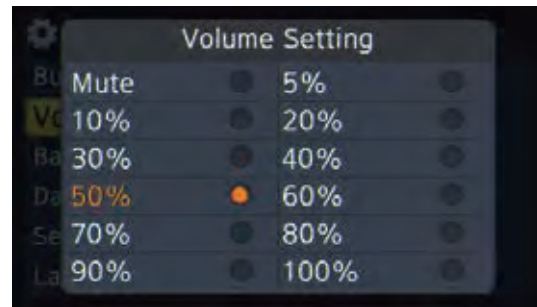
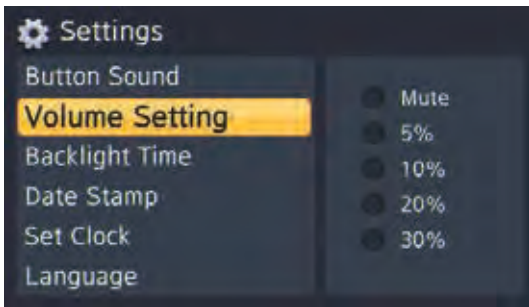
BUTTON SOUND



ON: Turn on button sound.

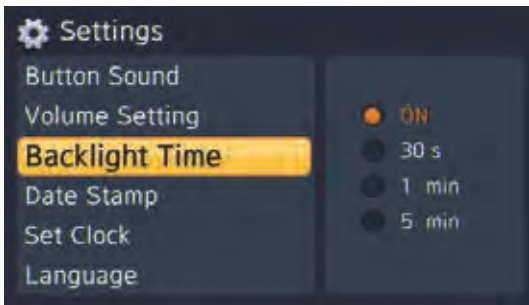
OFF: Turn off button sound.

VOLUME SETTING



Volume setting on Mute or 5%~100%.

BACKLIGHT TIME



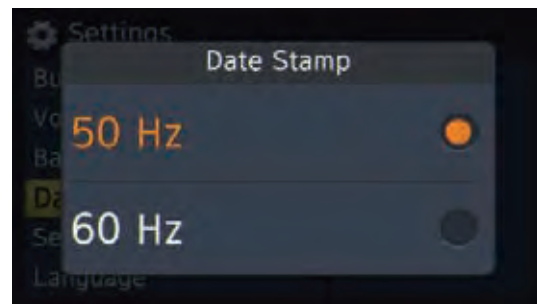
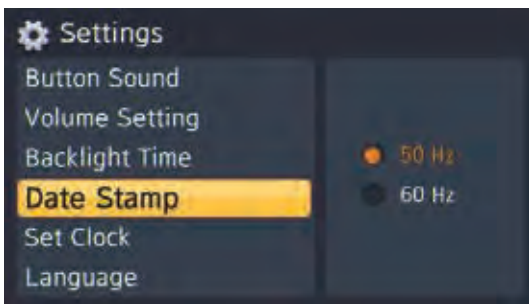
ON: Turn on backlight all the time(Default setting).

30s: Turn off backlight after no operation for 30s.

1 min: Turn off backlight after no operation for 1 minute.

5 min: Turn off backlight after no operation for 5 minutes

LIGHT FREQUENCY

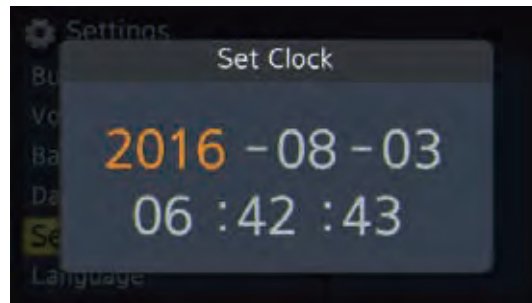
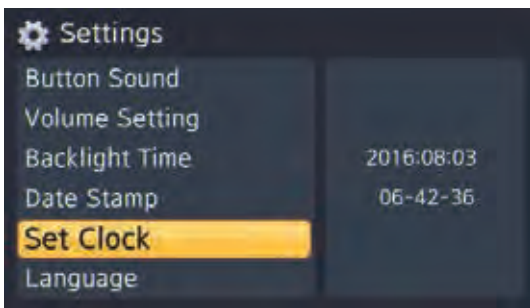


50Hz: Remove light frequency interference of 50Hz

60Hz: Remove light frequency interference of 60Hz

Note: This function is to remove the interference of indoor fluorescent light 50Hz or 60Hz to system CMOS image.

SET CLOCK



BUTTON FUNCTION

⏻ : Short press "⏻" to enter sleep mode.

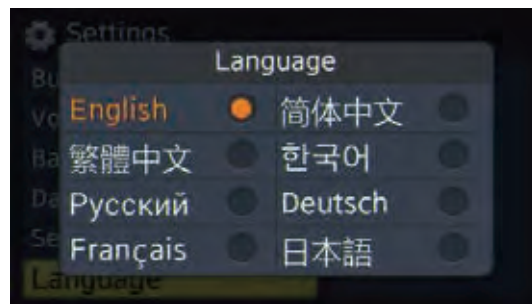
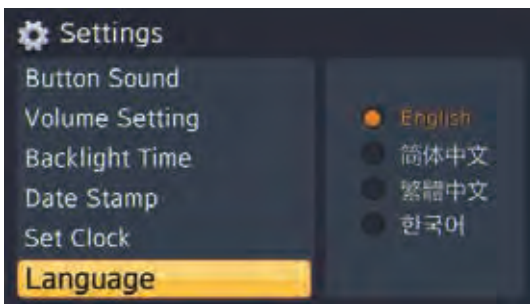
UP: +

DN: -

OK: To confirm the change of date and return to previous menu.

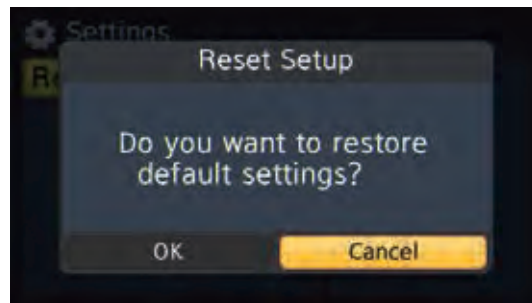
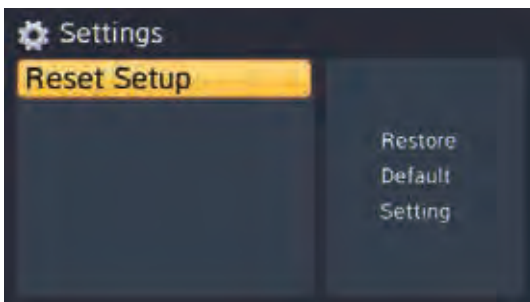
MENU: Switch to next adjustment.

LANGUAGE



The system supports English, Simplified Chinese, Traditional Chinese, Korean, Russian, Deutsch, French and Japanese language.

RESET SETUP



Initialize all settings to factory default settings.

BUTTON FUNCTION

⏻ : Short press "⏻" to enter sleep mode.

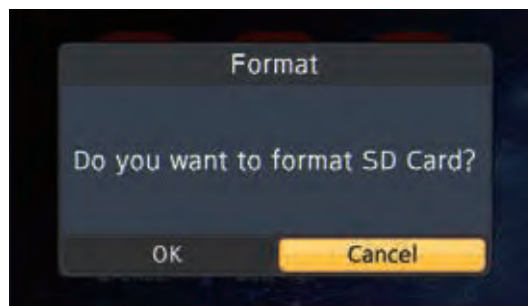
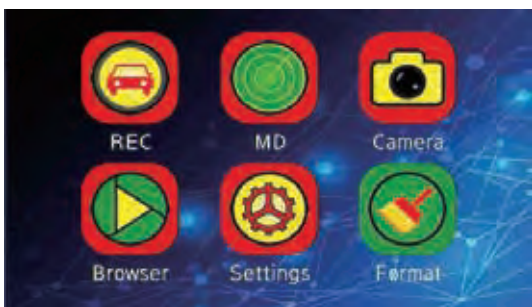
UP: Move yellow cursor

DN: Move yellow cursor

OK: Click 'OK' to restore default settings; Click 'Cancel' to cancel and return to previous menu.

MENU: Cancel Reset Setup and return to previous menu.

FORMAT



BUTTON FUNCTION

⏻ : Short press "⏻" to enter sleep mode.

UP: Move yellow cursor

DN: Move yellow cursor

OK: Click 'OK' to format SD Card; Click 'Cancel' to cancel and return to previous menu.

MENU: Cancel Format setting and return to previous menu.

⚠ PRECAUTIONS

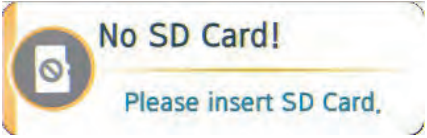
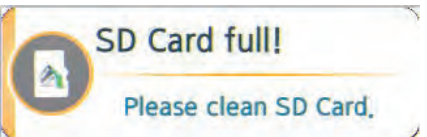
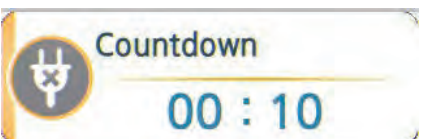
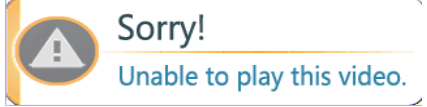
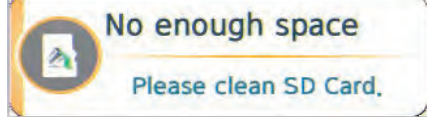
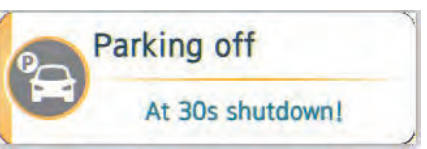

Before formatting, please make sure there is no important data in SD card.

It is suggested to format the SD card once a week, in order to free up space and refresh SD card fragmentation.

After multiple read and write operation, system will cause huge disc fragmentation, which may lead to recorded video not playing smoothly. In this case just simply format the SD card, then it will work properly.

Back up all important data to your PC.

SYSTEM MESSAGE

	<p>No SD Card In video recording or camera mode, if the unit does not detect SD card, this picture and voice prompt will appear on screen. Insert SD card, the prompt will disappear and you can start recording or shooting photos.</p>
	<p>SD Card has no storage space In video recording or camera mode, if SD card has no storage space, this picture and voice prompt will appear on screen, and the recording will stop. Clean up SD card. It is suggested to use a clean SD card for recording.</p>
	<p>Preparing SD Card Insert SD card, this picture prompt will appear on screen. This prompt will disappear automatically when SD card is ready. The time for preparing SD card is different due to different SD card quality. When preparing SD card, PLS DO NOT pull out the card.</p>
	<p>Auto power off countdown After setting auto power off time, when there is no external power supply, the system will start the countdown and will shutdown when the countdown ends. If external power supply is restored during countdown, the auto power off countdown will be canceled.</p>
	<p>SD Card error When SD card error message appears, try to remove it and insert correctly again. If error message still appears after a few times, pls check on PC whether the SD card is still good or bad</p>
	<p>Video file corruption Do not disconnect SD card when recording video, it can cause file corruption and playback failure.</p>
	<p>SD card space is insufficient Pls check SD card and do read and write test.</p>
	<p>Auto shutdown after car stopped When the car is stopping and DVR under normal recording mode, G-sensor will detect and if detected value not exceed threshold value(This value is not same as event trigger value and cannot be set by user) within 5 minutes, the system will emit a beep for 9 times, then unit will power off</p>
	<p>Related operations being processed, please wait.</p>

BACKUP CAMERA SYSTEMS

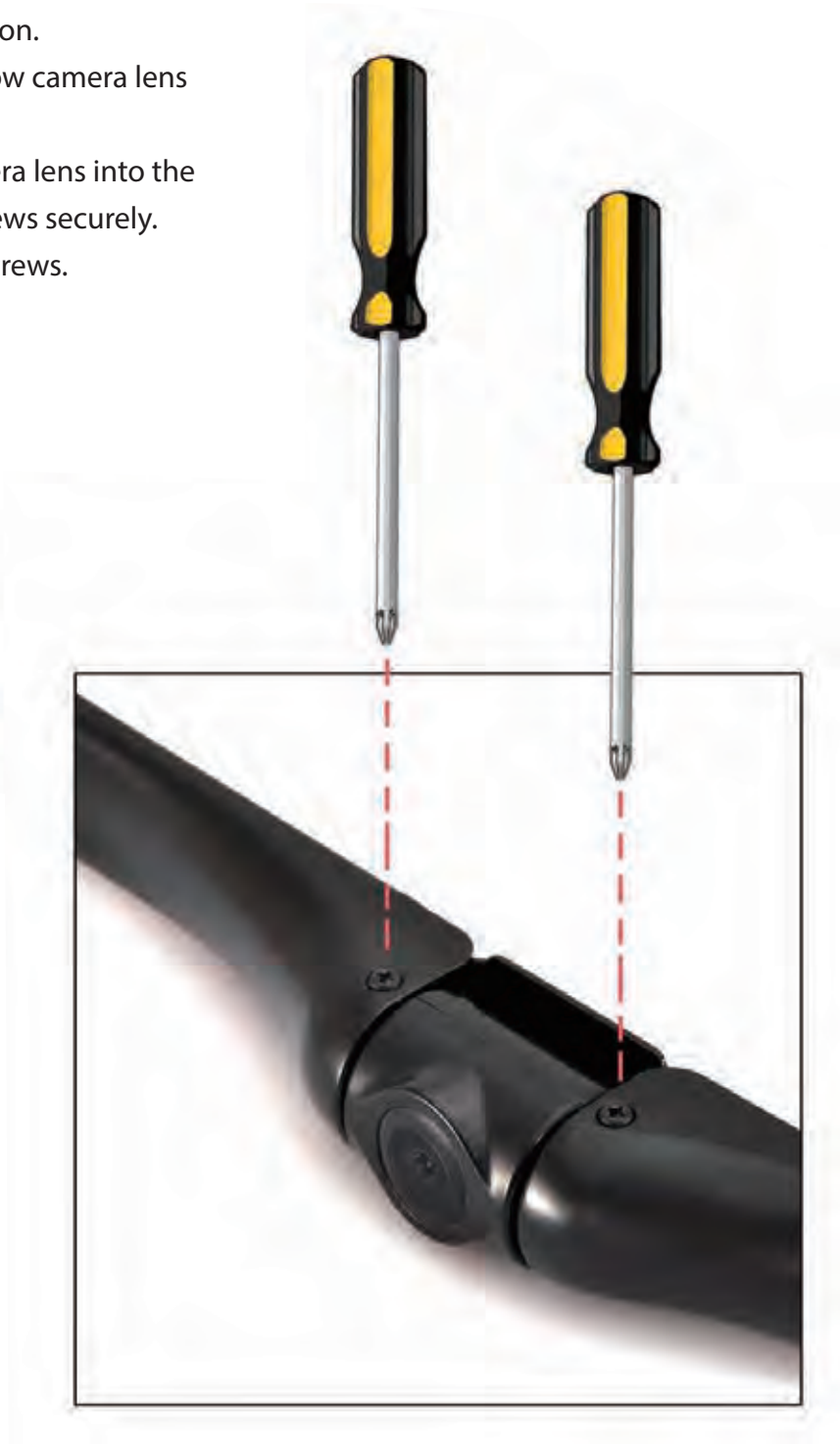
Angle Adjustable Camera Lens

Located on the camera housing are 2 screws which lock the camera lens angle in position.

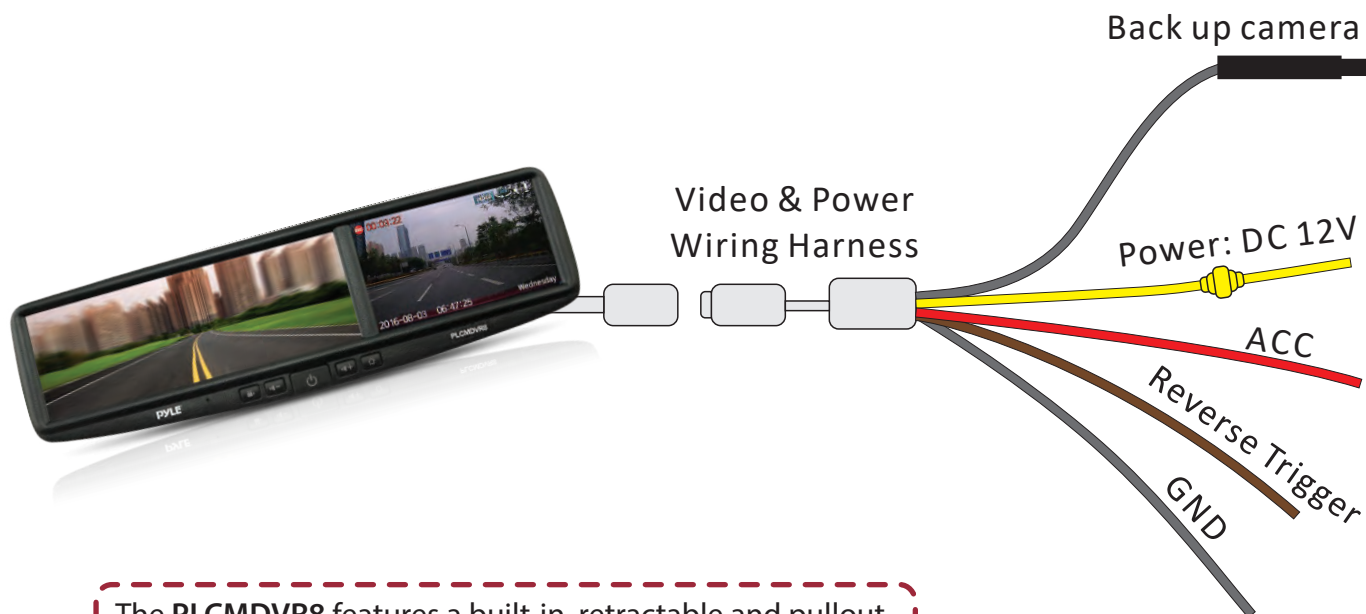
The screws may be loosened to allow camera lens angle adjustment

Loosen the screws, adjust the camera lens into the desired angle. then tighten the screws securely.

Be sure as to not overtighten the screws.



WIRING AND INSTALLATION



The **PLCMDVR8** features a built-in, retractable and pullout camera. Manually release the camera from the mirror housing and adjust to the desired viewing angle.

**For additional installation support visit www.pyleaudio.com*



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