



DVR1905K

6.86" Touchscreen Rearview Mirror Kit with DVR

DUAL FRONT & REAR RECORDING

2 YEAR WARRANTY

SPECIFICATIONS

GENERAL

- Vertical Viewing Angle Adjustable via Touchscreen
- Built-In Lane Departure Warning System
- Built-In Microphone / Speaker
- Operating Temperature: -10°C to +60°C
- Built-In Battery: 500mAh
- Working Voltage: DC +5V
- Working Current: 2A Max
- Power: 10W Max

MONITOR

- 6.86" Touchscreen LCD Screen
- Highly Reflective Mirror Finish
- Anti-Glare Glass
- Front or Rear View
- Adjustable Rubber Straps
- 12/24V via Cig Lead

FRONT CAMERA

- Full HD: 1920 x 1080P 30FPS
- Swivel Adjustable
- 6 Layer Full Glass Lens
- 148° Wide View Angle

REAR CAMERA

- HD: 1280 x 720P 25FPS
- 120° Wide View Angle
- Runs off Mirror Power
- 12V Reverse Trigger
- 8m Camera to Mirror Lead

DVR

- G-Sensor
- Parking Monitor / G-Sensor / Loop Recording
- Supports up to 64GB SD Card Class 10 (not included)

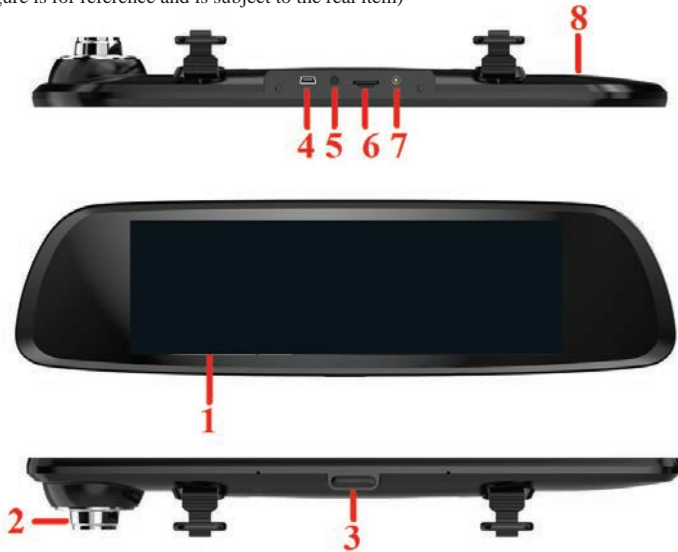
INCLUDES:

Touchscreen Rearview Mirror, Rear Camera, 12/24V Cig Lead Car USB Charger, Adjustable Rubber Straps, Installation Hardware

Thank you for choosing the **DVR1905K FHD Rearview Mirror Two-way Dash Cam**, this dash cam adopts the high-performance **MSTAR/AIT8336** Chipset, supporting 1080P Full HD video. Please read this manual carefully before use and keep it for future reference. We hope that this product will meet your needs and serve you for a long time.

1) APPEARANCE and FUNCTION KEYS

(Below figure is for reference and is subject to the real item)

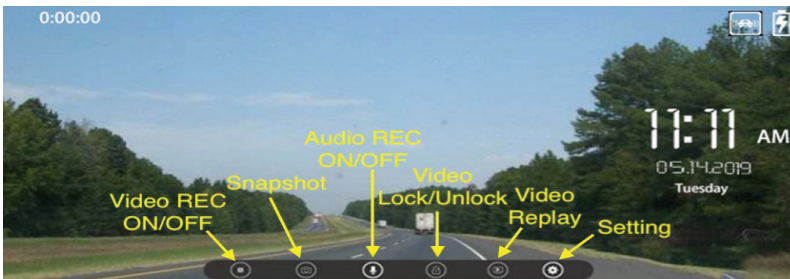


1. 6.86" Touch Screen TFT-LCD 2. Front Camera Lens 3.Power Key 4. Mini USB Port
5. Rear Camera Interface 6. SD Card Slot 7. N/A 8. Loud Speaker

Power Key:

Press for 3 seconds to power the device on/off. Short press to sleep or wake the TFT screen display.

Shortcut Buttons:



Press these Shortcut Buttons for quick operating:

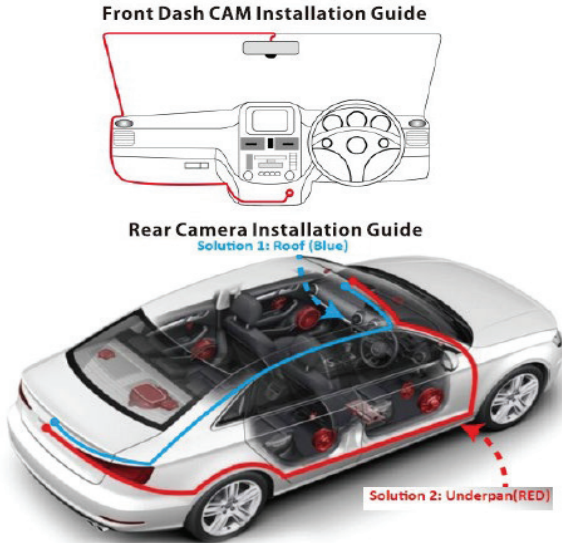
Video REC. on/off; Snapshot; Audio REC. on/off; Video Lock/Unlock;

Function buttons: To Replay Video and enter System Settings:

Stop video recording first and then press these buttons to enter Video Replay or Settings Menu.

2. INSTALLATION GUIDE

Please refer to the diagram below for Installation.



1. Turn the car engine off.
2. Insert a Class10 TF card (8GB-64GB) into the SD card slot of the Mirror Dash CAM.
3. Use the straps to fix the Mirror Dash CAM onto the car rearview mirror in a proper position.
4. Plug the car charger into the car cigarette lighter socket.
5. Connect the car charger extension cable to the Mirror Dash CAM USB interface.
[NOTE] Charging extension cable can be laid along the edge of the windshield.
6. The rear camera wiring can be run through the vehicle roof lining. After finishing the wiring installation, plug the rear camera jack into the rear camera interface.
7. Adjust the lens position and ensure that the camera is aligned with the ground.
8. Start the car engine. Check if the DVR is working and installed properly.
Stop the recording, open the settings and format the SD Card.
[ATTENTION]: If the DVR is correctly installed, it will start recording automatically.
Please check if the image on the screen is normal.

3. FUNCTIONS

1. Automatic Recording Feature

Start the car engine, the DVR turns on automatically and starts to record video. Turn off the car engine, the DVR saves the recording file and shuts down automatically. The recorded videos are saved on the SD card and when the SD card is full the oldest recorded video will be deleted and overwritten by new videos.

[ATTENTION]:

- a. Class 10 (8GB-64GB) High Speed MLC SD card is strongly recommended for use in this device.
- b. Loop Recording time can be set in the menu setting in 1/3/5 minute intervals.
- c. Front/Rear camera normal videos are saved in "F" or "R" folders of the "Video" folder in the SD card.
- d. Parking monitor locked videos/ crash locked videos/ manual locked videos are saved in the "Lock" folder on the SD card.
- e. Snapshot Photos are saved in the "Photo" folder on the SD card.

2. Manual Recording Feature

Press "Video REC On/Off" icon from the touch screen.

3. Manual Power On/Off

Long press Power Button for 3 seconds to turn on the Rear View Mirror DVR and start the video recording. If the device needs to be turned off, long press the Power Button for 3 seconds to shut down and it will automatically save the video file.

4. Advanced Driving Assistant System (ADAS)

When the ADAS function is on, the screen will display two green lines overlapping with car lanes on the road and automatically calibrate. When the car deviates from the lane markings on the road, the system will activate and show "RED" blinking lines on the screen. An audible warning alarm will also sound from the speaker.

5. G-Sensor Feature

The Mirror Dash CAM has built-in crash sensors (G-sensor). If there is a serious vehicle collision, the recorder will lock the videos after the accident happens. The locked videos are saved in a special file, which will not be overwritten by loop recording.

[ATTENTION]

- a. Locked video file names begin with "EMER". Normal video file names begin with "FILE". Parking monitor file names begin with "PARK".
- b. G-sensor sensitivity can adjusted in the menu settings.

6. Manual Lock Feature

This Mirror Dash CAM has an easy, manual lock function. Press the lock icon on the touch screen to lock the current video file and prevent deletion by loop recording.

7. Date and Time Setting

Enter into menu setting and choose "Date/Time". Short press "up button"/"down button" to move the cursor to set date & time options. Short press "OK" to confirm and move the cursor to the next item.

[ATTENTION]:

Before using the DVR1905K, please set the correct date and time.

7. Video Replay Feature

Enter into Video replay mode and choose from the S icons on the left: Front Normal/Rear Normal/Front Lock/Rear Lock Files for videos, and Image Files for pictures. Press the right side preview window to display the video. The shortcut buttons can operate: Lock or unlock/Play or Pause/Previous or Next/Fast Forward or Rewind/Delete. Press the top left corner “Return” icon to escape and exit the playback mode. Swipe up or down to view the Next/Previous list of S recordings/photos.

8. Car Reversing Video Display

The Car charger must be connected to the recorder and the rear camera red wire must be connected to the reversing light of the car.

Under video mode, when the car is in reverse, the screen will display the reversing camera image automatically. When car reversing is finished, the screen will return to the front video display.

9. Parking Mode

When turned on in the settings, if the G-Sensor activates due to impact, the DVR will turn on and record for 25 seconds and also lock that file.

10. Switch Front Camera /Rear Camera Display

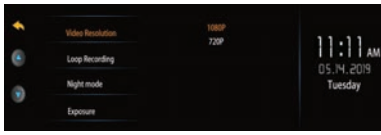
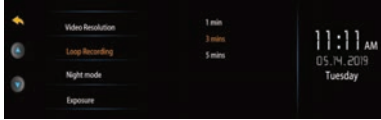
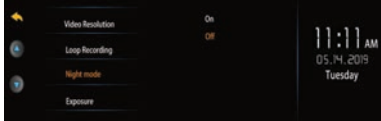

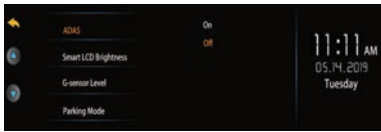
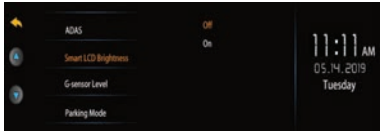
In video recording mode, slide the touch screen sideways to switch the Front or Rear camera display on the screen.

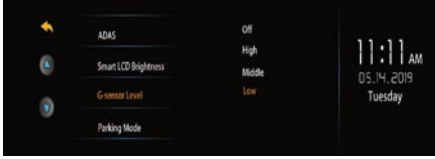


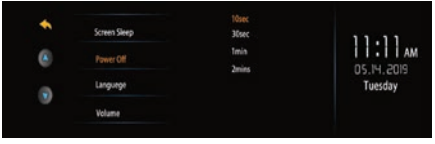

11. Front Camera /Rear Camera Display Angle Adjustment

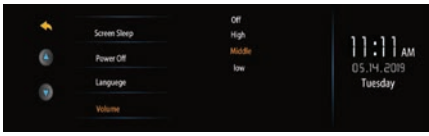
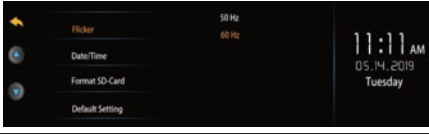
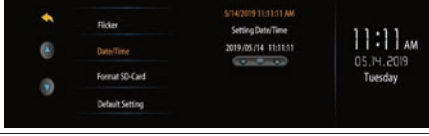

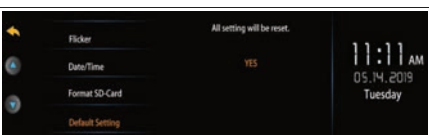

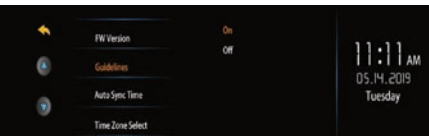
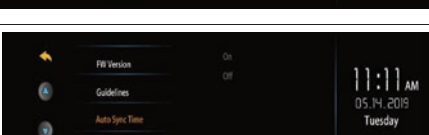
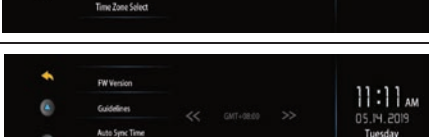
In video recording mode, slide the touch screen vertically to adjust the Front or Rear camera display angle.

[NOTE]: After the ADAS function is turned on, the front camera display angle adjustment is disabled.

4. TOUCH SCREEN CONTROL - QUICK GUIDE

Menu	UI	Description
Page1 Video Resolution		Set the record video resolution to 1080P or 720P Default set as “1080P” (For front Camera only, rear camera is fixed on 720P).
Page1 Loop Recording		Set the length of each loop video recording to 1min, 3mins, 5mins. Default set as “3mins”.
Page1 Night Mode		Optimise DVR for night-time recording. Default set as “Off”.
Page1 Exposure		Adjust the exposure of the video recording. You can increase or decrease the exposure to get a brighter or darker video. Default set as “0”.
Page2 ADAS		Set ADAS (lane departure warning system) ON/OFF; Default set as “Off” NOTE: Requires lane markings on the road for LDWS to function.
Page2 Smart LCD Brightness		Adjust the LCD brightness. Default set as “Off”.

Page2	G-Sensor Level		<p>Set G-Sensor level to High, Middle, Low and Off. High means more sensitive, Low means less sensitive. This G-Sensor function activates during accidents or collisions to lock the recording video files for future use. Loop recording will not erase these locked files. Default set as “LOW”.</p>
Page2	Parking Mode		<p>Set the parking monitor function "ON". The Dash Cam will automatically turn on and shoot a 25s length locked video if there is a collision with the vehicle while parked. The DVR will then turn off. NOTE: If the built-in battery is flat, this function will be disabled. Default set as “Off”.</p>
Page3	Screen Sleep		<p>Set screen saver to 10sec,1min, 3mins or Off. After the set time, the display deactivates automatically. Default set as “10sec”.</p>
Page3	Power Off		<p>Set Power off delay time to 10sec,30sec, 1min, 2mins . The DVR will stay on and record for the set period of time after the vehicle is turned off. Default set as “10sec”.</p>
Page3	Language		<p>Set system language to English, Simplified Chinese, Traditional Chinese, Japanese. Default set as “English”.</p>

Page3	Volume		Set volume of built-in speaker to High, Middle, Low, or Off. Default set as “Middle”
Page4	Flicker		Set Flicker Frequency to 50Hz or 60Hz. Default set as “60Hz”
Page4	Date/Time		Touch "Setting Date/Time" to display the Date/Time settings. Touch Up/Down to adjust and OK to save and exit.
Page4	Format SD-Card		Format the SD Card. New SD Cards should be formatted before use. All videos on the SD Card will be deleted.
Page4	Default Setting		Load the default setting. All the settings will revert back to the default settings.
Page5	FW Version		Displays the Firmware Version
Page5	Guidelines		Set Guidelines ON/OFF; Default set as “Off”
Page5	Auto Sync Time		Not applicable for this model
Page5	Time Zone Select		Not applicable for this model

5. TROUBLESHOOTING

Not Recording/System Malfunction

- Format the SD Card in the settings.
- Replace the SD Card.

Not Holding Charge

- Connect to a charger or computer to charge for a few hours.

NOTES

NOTES

WARRANTY

Congratulations on your purchase of a quality **axis** Mobile Safety System! You're joining thousands of satisfied customers who enjoy & experience the benefits of the products we distribute. In the unlikely event that some technical difficulty arises with your purchase, be assured that we are most anxious to see that the problem is quickly rectified to your satisfaction. Please familiarise yourself with the following simple conditions of our warranty.

This warranty covers faults through component failure or failure of the product to operate in accordance with published specifications. Product failure as a result of unreasonable environmental conditions, accident, misuse, improper installation, unauthorised repair, vehicle electrical or wiring faults or neglect etc, will not be covered by this warranty. Removal and installation costs, if any, would be paid by the owner as well as any freight or postage costs of transporting the product to AudioXtra. AudioXtra shall not be liable or responsible for any loss of use of this product or any form of consequential loss.

CONSUMER WARRANTY

This product is warranted by AudioXtra Pty Ltd to be free from defects in materials and workmanship under **NORMAL USE** for a period of **TWENTY FOUR MONTHS** from the date of purchase.

WITHIN 30 DAYS OF PURCHASE DATE: Please return the unit for replacement to our National Service Centre or the Retailer from where you made the purchase. All accessories must be included. Proof of purchase date **must** accompany the products.

AFTER 30 DAYS OF PURCHASE DATE: Warranty repair and service is carried out by our National Service Centre. Repair and service will be carried out at no cost to the owner if proof of ownership and the date of purchase can be verified to the satisfaction of the authorised centre concerned with this repair. This proof should take the form of either:

- a) The warranty card accompanying this product, stamped and dated by the dealer.
- b) A Tax Invoice or Receipt showing full details of original vendor, purchaser, model number and serial number.

COMMERCIAL WARRANTY: A product used in or associated with a commercial application will carry a limited **SIX MONTH** warranty. An abnormal commercial application is one where usage, dust, vibration, heat/cold and other environmental conditions exist at an extreme level.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Please complete details below in the event of warranty service being required.

Purchaser's Name: _____

Purchaser's Address: _____

Model Number: DVR1905K Serial Number: _____

Dealer Name: _____ Date of Purchase: / /

Dealer Address: _____

Invoice/Sales Docket no: _____

General Hints: To expedite service and prompt return of the equipment, please:

- | | |
|--|---|
| a) Clearly describe the fault in detail | c) Include your return address |
| b) Safety and security pack the unit for transport | d) Provide proof of purchase date as outlined above |

audioXtra EST

National Service Centre:

10 STODDART ROAD, PROSPECT, SYDNEY NSW 2148 Australia

Telephone: (02) 8841 9000 Fax: (02) 9636 1204

email: services@audioxtra.com.au