

# MIR-DVR

REAR VIEW MIRROR

CONGRATULATIONS ON YOUR CHOICE OF A CRIMESTOPPER UNIVERSAL REAR VIEW MIRROR. THIS BOOKLET CONTAINS ALL OF THE NECESSARY INFORMATION FOR CONNECTING AND USING YOUR MIRROR. IF ANY QUESTIONS SHOULD ARISE, CONTACT YOUR INSTALLATION FACILITY OR CHECK OUT THE KNOWLEDGE BASE AT [WWW.CRIMESTOPPER.COM](http://WWW.CRIMESTOPPER.COM)

**CRIMESTOPPER**  
SAFETY & SECURITY

## WARRANTY

Rockford Corporation offers a limited warranty on all CrimeStopper products as detailed below and on the following terms:

### **ALL SAFETY PRODUCTS**

Length Of Warranty - 3 Year

### **SECURITY AND REMOTE START PRODUCTS**

Length Of Warranty

Limited Lifetime, CrimeStopper will repair or replace defective modules with a comparable new or refurbished module during reasonable usage and the lifetime of the vehicle in which it is originally installed provided that the module is returned to Rockford, shipping pre-paid and accompanied by a legible copy of the original sales receipt from the authorized dealer containing; the consumer's name, authorized dealer's name, date of purchase, item or sku number, product description, and the year make and model of the vehicle in which it is installed. The additional componentry of the system, including but not limited to remotes, antennas and harnesses, are covered by a one year warranty from the date of original purchase. Products received for repair or replacement without proof of purchase from an authorized dealer will be denied.

### **WHAT IS COVERED**

This warranty applies only to CrimeStopper products sold to consumers by authorized CrimeStopper dealers in the United States of America. Products purchased by consumers from an Authorized CrimeStopper Dealer in any other country are covered only by that country's Distributor and not by Rockford Corporation.

### **WHO IS COVERED**

This warranty covers only the original purchaser of CrimeStopper product purchased from an authorized CrimeStopper dealer. In order to receive service, the purchaser must provide Rockford Corporation with a copy of the original sales receipt stating the customer name, dealer name, product purchased and date of purchase. Products found to be defective during the warranty period will be repaired or replaced with a product deemed to be equivalent at Rockford's sole discretion.

### **WHAT IS NOT COVERED**

- Damage caused by accident, abuse, improper installation, operations, water, and theft
- Any cost or expense related to the removal or reinstallation of product
- Any product which has had the serial number defaced, altered, or removed
- Subsequent damage to other components
- Any product not purchased from an authorized CrimeStopper dealer

### **LIMIT ON IMPLIED WARRANTIES**

Any implied warranties including warranties of fitness for use and merchantability are limited in duration to the period of the express warranty set forth above. Some states do not allow limitations on the length of an implied warranty, so this limitation may not apply. No person is authorized to assume for Rockford Corporation any other liability in connection with the sale of the product.

### **HOW TO OBTAIN SERVICE**

Please call 1-800-998-6880 for Rockford Customer Service. You must obtain an RA# (Return Authorization number) to return any product to Rockford Corporation. You are responsible for shipment of product to Rockford. [cs.support@rockfordcorp.com](mailto:cs.support@rockfordcorp.com)

The MIR-DVR is designed as a universal rear-view mirror replacement with the added features of a built-in, dual channel DVR. The front facing camera is built into the mirror housing creating a stealth look while an additional reverse camera can be added and viewed on the mirrors integrated screen. The MIR-DVR comes with a variety of mounting adaptors for your vehicle or the optional MIR-BRKT437 may be needed in select installations.

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# MIR-DVR

## ***YELLOW - 12V CONSTANT***

Connect to 12V constant source

## ***BLACK - GROUND***

This wire needs to be grounded to a clean, paint free metal surface of the vehicle. The best installation practices recommend grounding in the kick panel area of the vehicle.

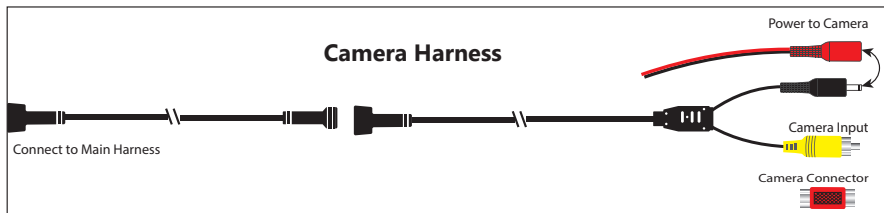
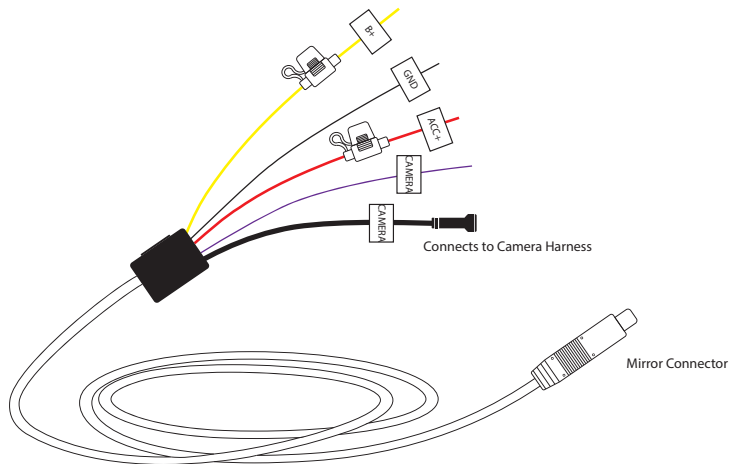
## ***RED - ACCESSORY***

Connect to 12V switched accessory source

## ***PURPLE - REVERSE CAMERA TRIGGER***

Connect to reverse trigger to turn monitor on when in reverse

# WIRING DIAGRAM









**SPECIFICATIONS**

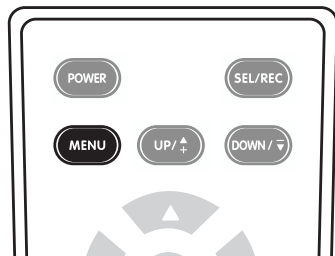
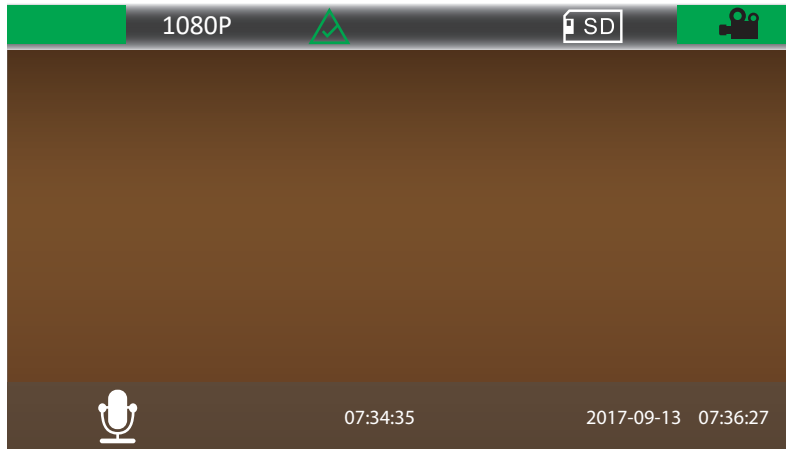
<b>SCREEN SIZE</b>	4.3"
<b>DISPLAY RESOLUTION</b>	480(H) X 272(V)
<b>CAMERA ANGLE</b>	140°
<b>RECORDING RESOLUTION</b>	1080P 25FPS, 720P 30FPS
<b>PHOTO RESOLUTION</b>	1M 1280X960 2M 1600X1200 3M 2048X1536 5M 2560X1920
<b>MICROPHONE</b>	Built-in
<b>VIDEO SIGNAL</b>	PAL/NTSC
<b>MICRO SD CARD</b>	Up to 32GB
<b>OPERATING VOLTAGE</b>	9-16 Volts
<b>CURRENT DRAW</b>	71mA

## REMOTE FUNCTIONS



	Turn the LCD screen ON or OFF
	When not recording: Enter the settings menu When recording: Will hard code file (only can be deleted by formating SD card)
	When recording: Single press will start or stop the recording Playback: Single press will start or pause playback When in Settings: Enter a menu and make selection in menu
	Switch between Recording, Snap shot and playback modes
	When recording: Switch between different pic-in-pic options In Settings: Move UP one menu selection Playback: Move to previous file When watching a recording: Press and release to REWIND
	When recording: Turn audio recording ON or OFF In Setting: Move DOWN one menu selection Playback: Move to next file When watching a recording: Press and release to FAST FORWARD

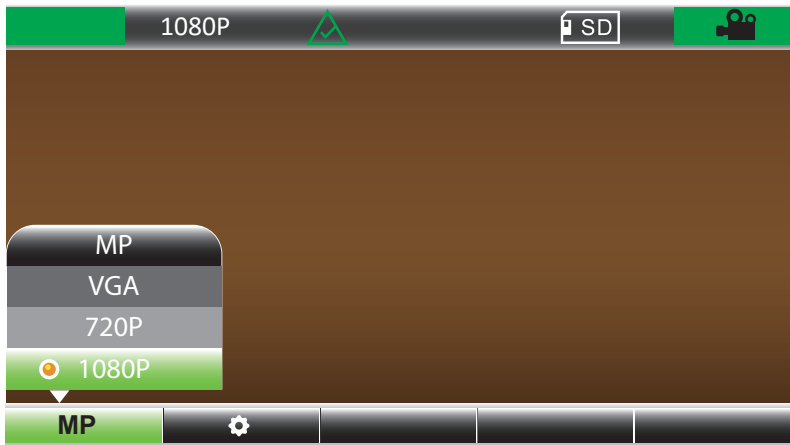
## START UP SCREEN



To enter into the settings menu, stop any recordings.

Press the **"MENU"** button once to enter the Video Recording Quality menu.

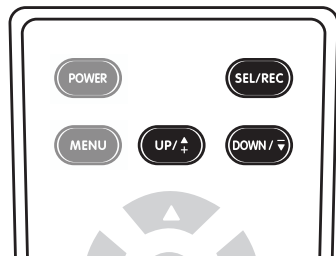




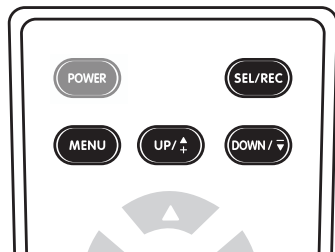
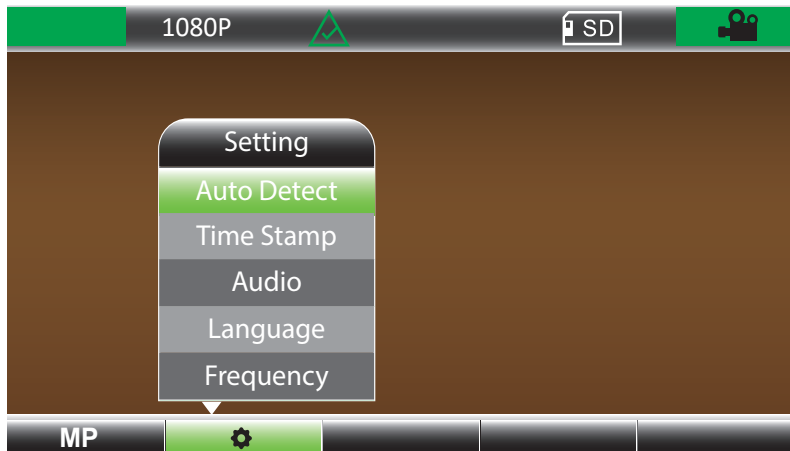
Choose the quality of the video recording you would like using the Up/Down and Select buttons.

**VGA** - Uses the least amount of space on SD card.

**1080P** - Uses the most amount of space on SD card.

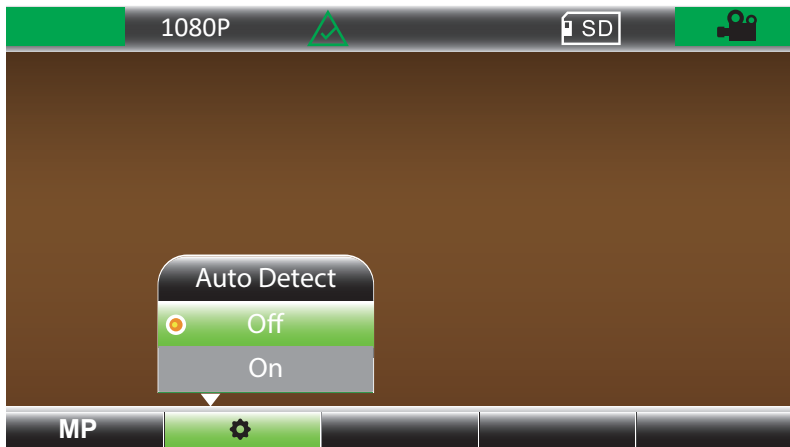


## SETTINGS MENU



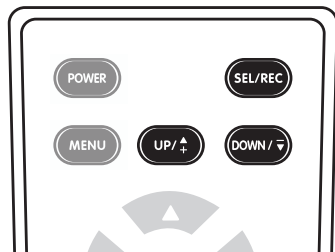
Pressing the **"MENU"** button twice will open up the Settings Menu.

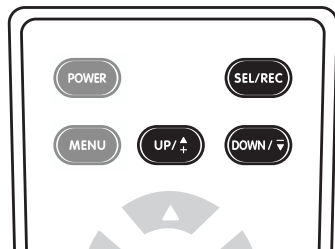
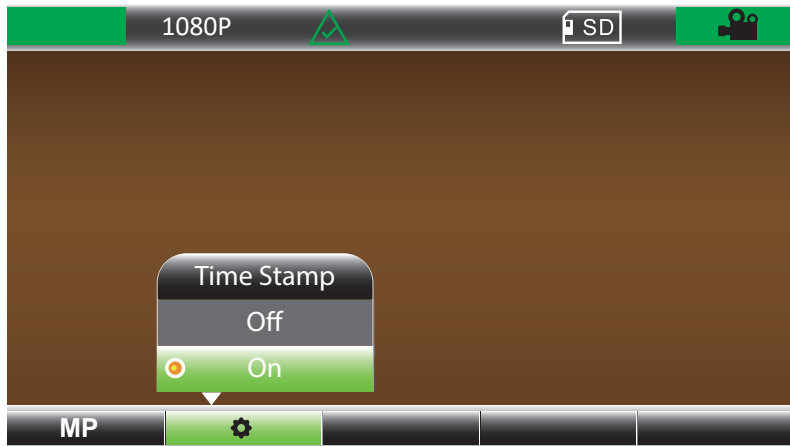
Press the **"UP"** and **"DOWN"** button to scroll through the menu. Press the **"SEL/REC"** button to enter a menu.



To save space on the memory card you may choose to activate the Auto Detect feature. When activated the mirror will start recording if the camera sees motion when powered on instead of continuous recording.

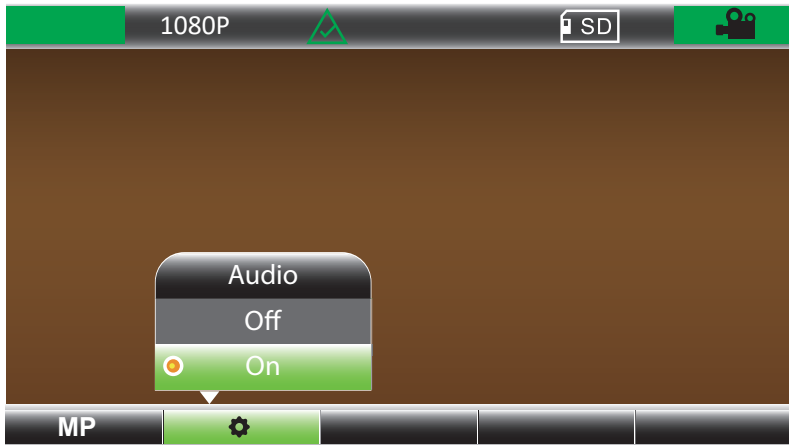
Press the **"UP"** and **"DOWN"** button to scroll through the menu. Press the **"SEL/REC"** button to enter.





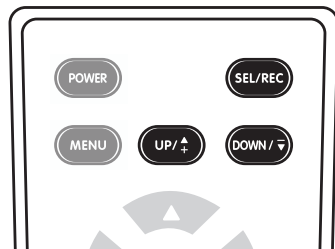
The **TIME STAMP** function will add an embedded time code into the video when activated and will be displayed upon playback.

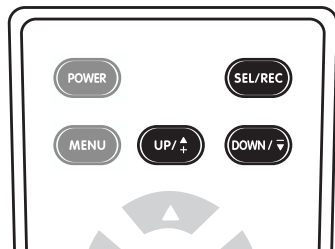
Press the "**UP**" and "**DOWN**" button to scroll through the menu. Press the "**SEL/REC**" button to enter.



To activate **AUDIO** recording set to **ON**. This will record external audio through the built-in microphone.

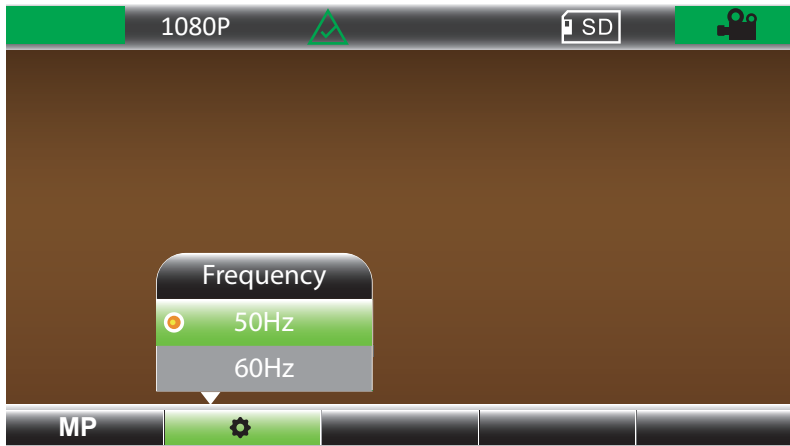
Press the "**UP**" and "**DOWN**" button to scroll through the menu. Press the "**SEL/REC**" button to enter.





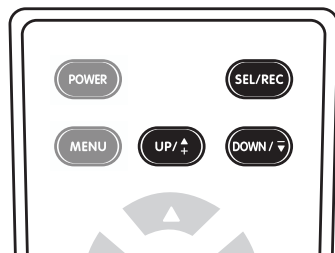
Allows you to select the operating language of the display and menus. The default language is set to **ENGLISH**.

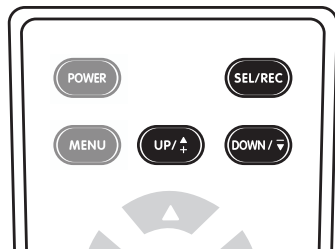
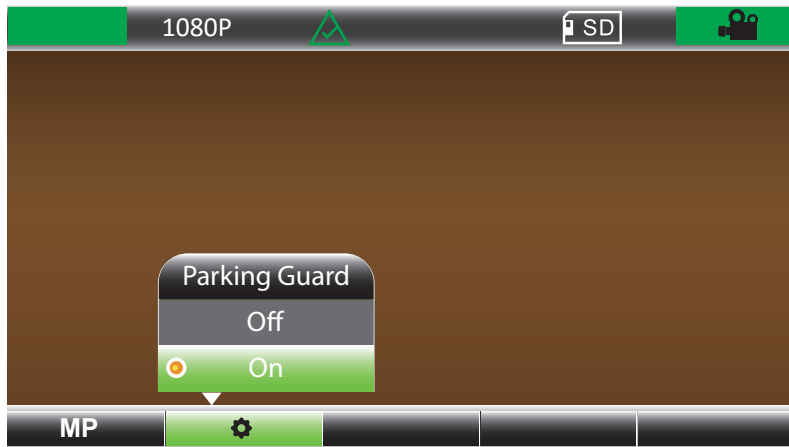
Press the "**UP**" and "**DOWN**" button to scroll through the menu. Press the "**SEL/REC**" button to enter.



The default video frequency is 50Hz. If your image appears “fuzzy” switch the frequency to attempt to improve quality.

Press the “**UP**” and “**DOWN**” button to scroll through the menu. Press the “**SEL/REC**” button to enter.

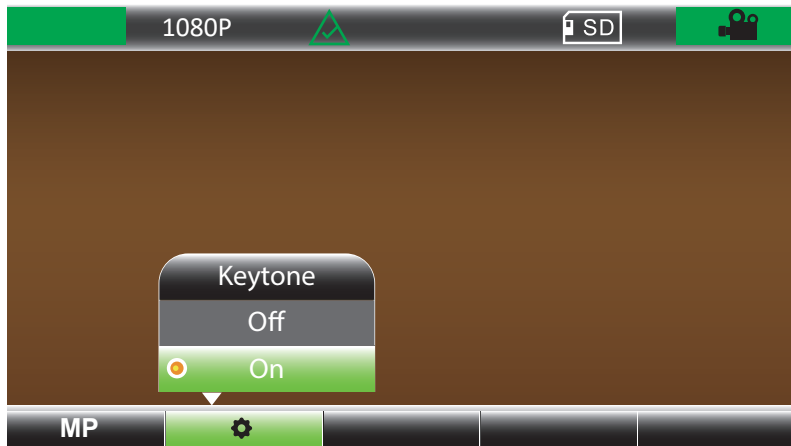




If on, the **DVR** will automatically begin recording if the G-Sensor is triggered while the vehicle is turned off. Note: G-Sensor **MUST** be turned **ON** to work.

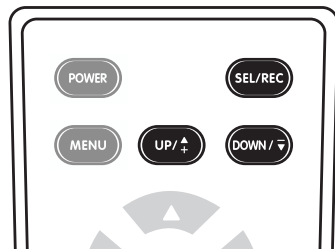
Press the **"UP"** and **"DOWN"** button to scroll through the menu. Press the **"SEL/REC"** button to enter.

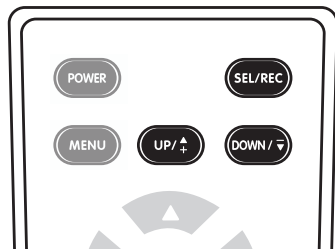




When pressing buttons on the remote, the system will provide a confirmation tone. Turn Keytone **OFF** to silence these tones.

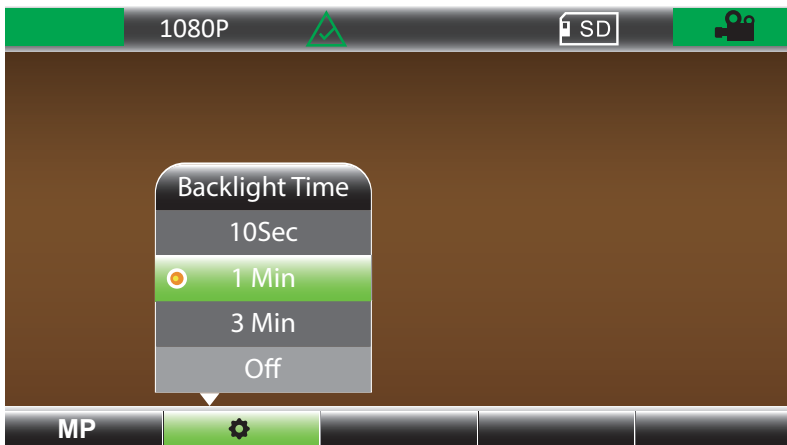
Press the "**UP**" and "**DOWN**" button to scroll through the menu. Press the "**SEL/REC**" button to enter.





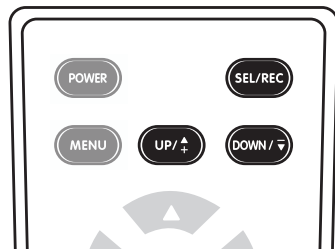
The G-Sensor activates with a sudden change in acceleration or impact often being triggered in a crash or by the vehicle being hit. G-Sensor triggered recordings are locked and can only be deleted by reformatting the SD card.

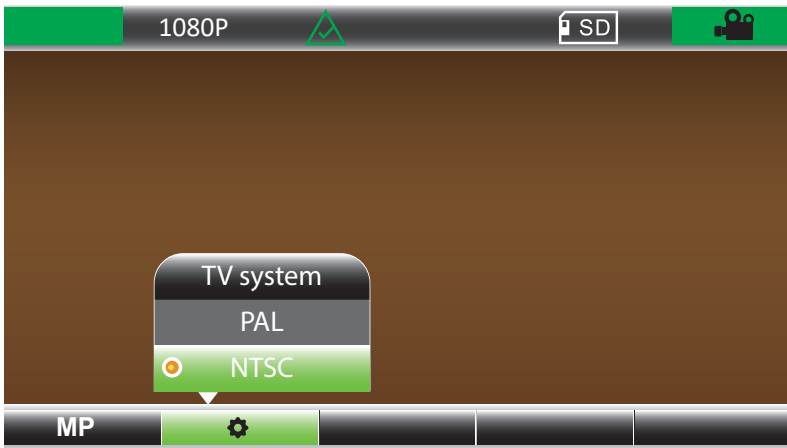
Press the "**UP**" and "**DOWN**" button to scroll through the menu. Press the "**SEL/REC**" button to enter.



Determines how long the **LCD** panel will stay **ON**.  
Driving with the **LCD** panel ON can be very distracting,  
especially at night.

Press the "**UP**" and "**DOWN**" button to scroll through the  
menu. Press the "**SEL/REC**" button to enter.

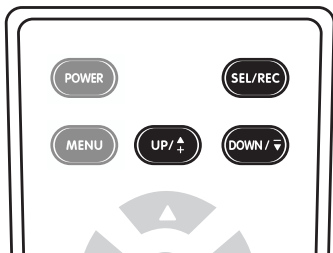




The TV system setting determines the file format that video is recorded in allowing it to be viewed on other video devices of the same format.

**NTSC** (Default) - United States and Canada  
**PAL** - Most Other Countries

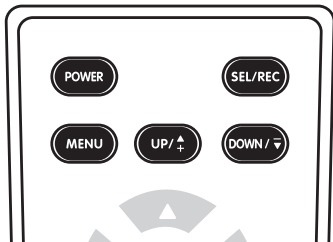
Press the **"UP"** and **"DOWN"** button to scroll through the menu. Press the **"SEL/REC"** button to enter.



## DIMMING FEATURE

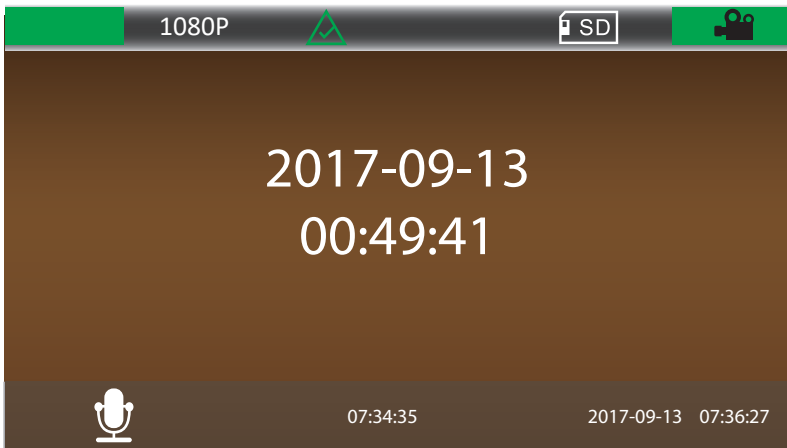


**NOTE:** This model does not have a dimming feature included.



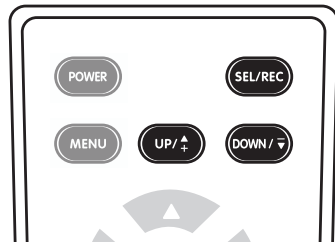
Shows the firmware version of the system.

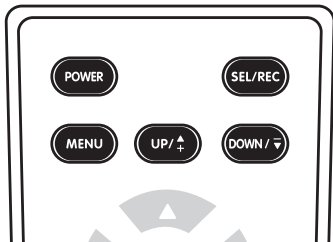
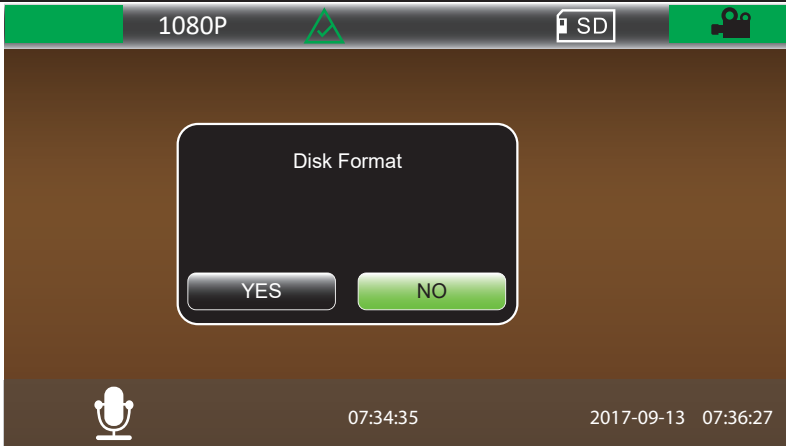
Press the "**UP**" and "**DOWN**" button to scroll through the menu. Press the "**SEL/REC**" button to enter.



Change date and time by using the button on the remote.  
Set in the **YYYY-MM-DD** format.

Press the "**UP**" and "**DOWN**" button to scroll through the menu. Press the "**SEL/REC**" button to enter.

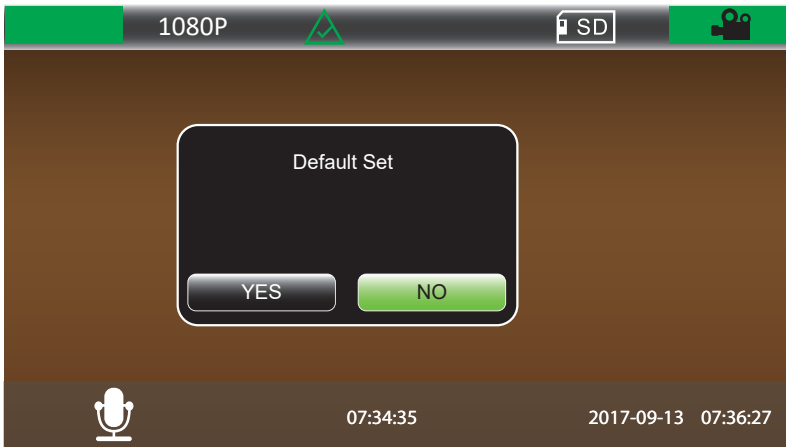




Performs formatting of the SD card. This wipes all files on the card and is the only way to delete G-Sensor coded videos.

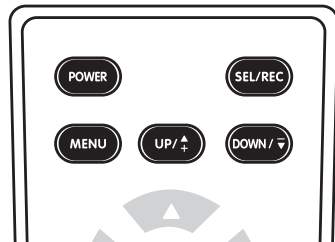
Press the "**UP**" and "**DOWN**" button to scroll through the menu. Press the "**SEL/REC**" button to enter.





Reset all settings to factory default.

Press the "**UP**" and "**DOWN**" button to scroll through the menu. Press the "**SEL/REC**" button to enter.



## PICTURE-IN-PICTURE DISPLAY



This DVR rear view mirror can display two channel video on the high brightness screen simultaneously. You can switch the video channel by pressing the **"UP"** button when not recording.

This requires a secondary camera such as a backup camera to be connected and active while powered up.



## **PICTURE IN PICTURE OPTION 1**

**FORWARD LOOKING** = Main image

**SECOND CAMERA VIEW** = In-picture image



## **PICTURE IN PICTURE OPTION 2**

**SECOND CAMERA VIEW** = Main image

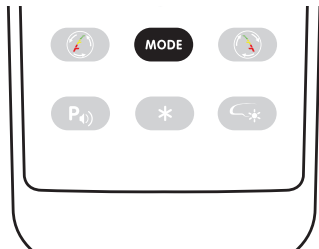
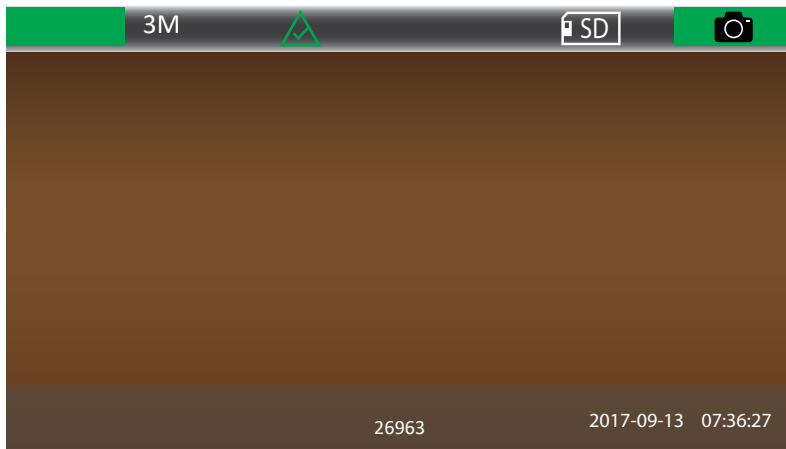
**FORWARD LOOKING** = In-picture image



### ***PICTURE IN PICTURE OPTION 3***

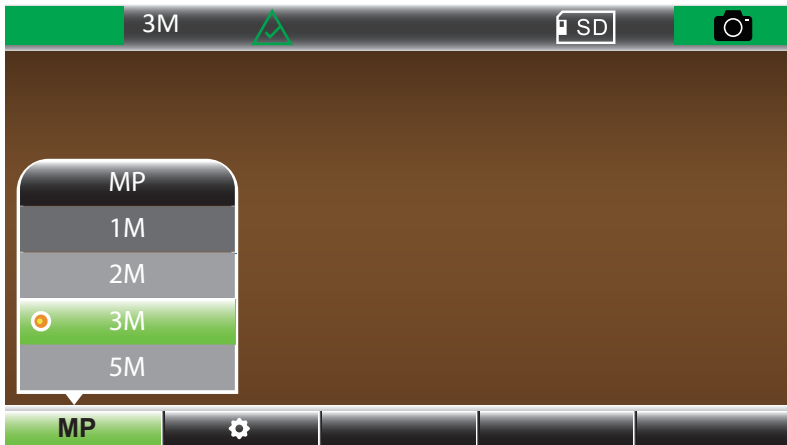
Both images equally shown

## PHOTOGRAPH MODE



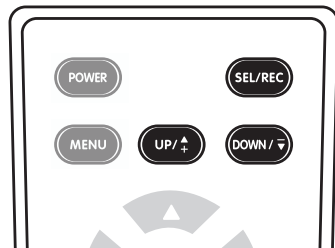
Photograph mode allows you to take snap shots by pressing the **"SEL/REC"** button on the remote.

Press the **"MODE"** button to enter Snap Shot mode.

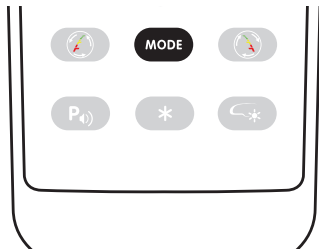


In Photograph mode you can change the image quality by accessing the settings menu by pressing the **"MENU"** button on the remote.

Press the **"UP"** and **"DOWN"** button to scroll through the menu. Press the **"SEL/REC"** button to enter.

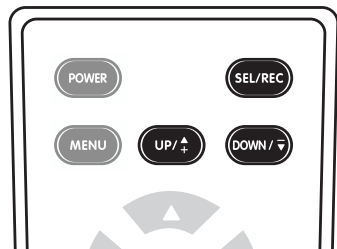


# VIDEO PLAYBACK



Press **"MODE"** until you get to Video Playback menu. Pressing the **"UP"** and **"DOWN"** buttons to scroll through the videos. Press the **"SEL/REC"** button to play video.

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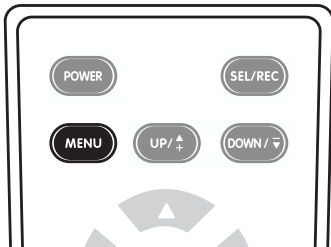
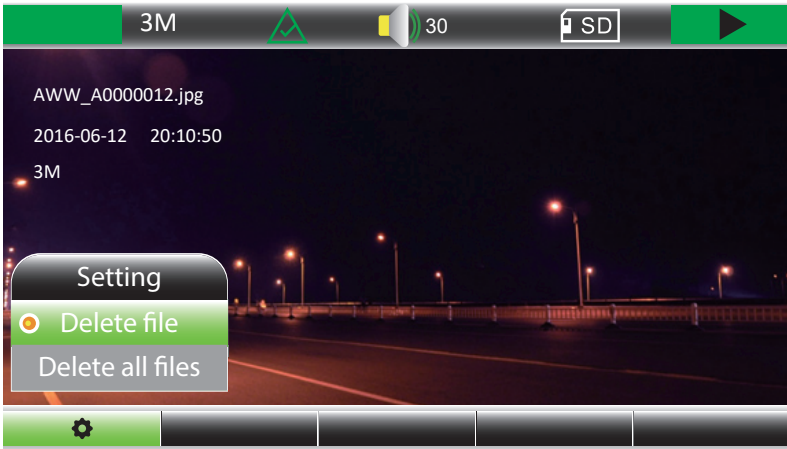






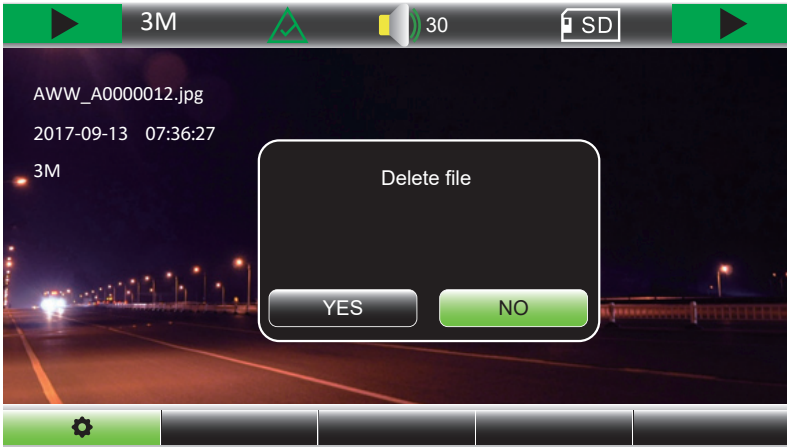
Videos displaying the **LOCK** symbol in the lower left corner means the video is hard coded to the **SD** card. It can be played but can only be deleted by formatting the **SD** card. This will erase everything on the **SD** card.

## VIDEO DELETING



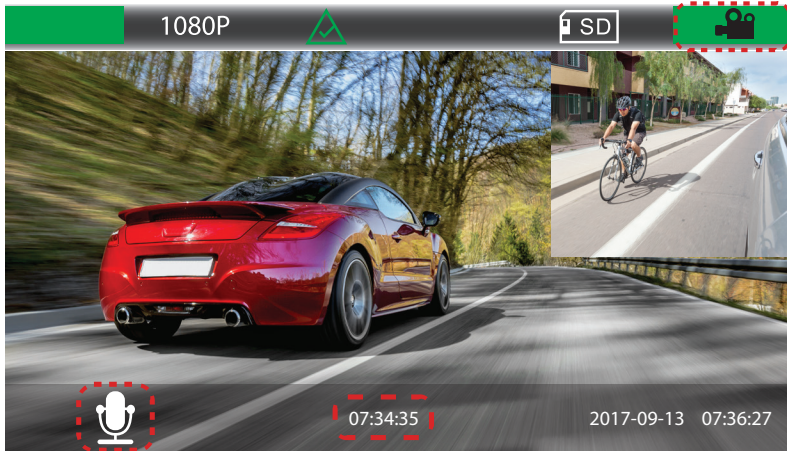
Pressing the "**MENU**" button in video playback will bring up your delete options. Selecting **DELETE** or **DELETE ALL** will only erase NON-HARD CODED video.

## CONFIRM DELETING



After selecting to delete a file, you will be asked to confirm the deletion to prevent accidental deleting of files.

## VIDEO RECORDING MODE

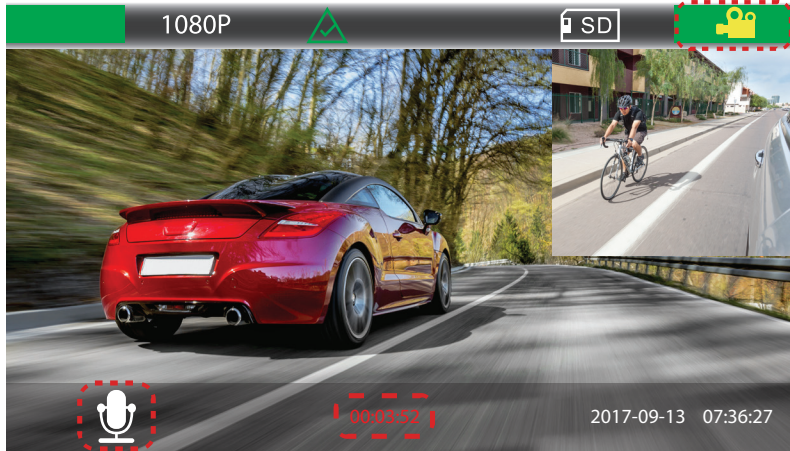


Press the “**REC**” button to turn **ON/OFF** video recording  
When recording, press the “**MENU**” button to save the current video as a read-only video file.

Press the “**DOWN**” button to turn **ON/OFF** volume recording.

A **BLACK** camera icon in the upper right corner indicates that video is not currently being recorded. The numbers at the bottom of the screen will be in **WHITE** and show the remaining recording time available.

## RECORDING WITH AUDIO



When recording, the camera in the upper right corner will turn from **BLACK** to **YELLOW**. The time in the bottom center of the screen will change from **WHITE** to **RED** and begin counting up from zero indicating current recording time.





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