

# VOXXADAS

SM

ADVANCED DRIVER ASSISTANCE SYSTEMS

**INSTALLATION / OWNER'S GUIDE**

**RVMDVR**

SAFETY  
FIRST

REV: 0

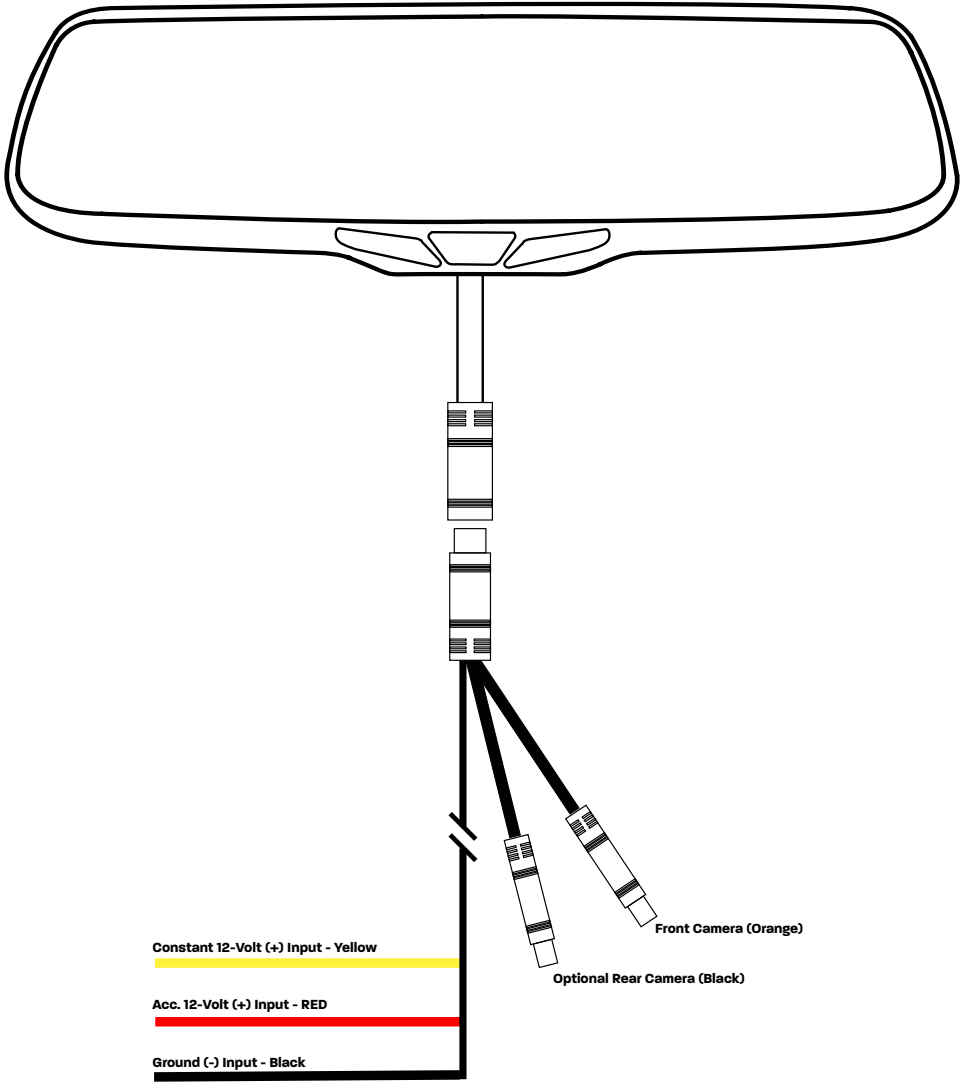
# WARNING

This product is intended to assist in safe driving and to allow the driver to have a broader rear view while the vehicle is in reverse. You, as the driver, are solely responsible for the safe operation of your vehicle and the safety of your passengers according to local traffic regulations. Do not use any features of this system to the extent it distracts you from safe driving. Your first priority while driving should always be the safe operation of your vehicle. VOXX Electronics Corporation cannot accept any responsibility whatsoever for accidents resulting from failure to observe these precautions or safety instructions.

1. This product utilizes high voltage. Any unauthorized modifications or damage to the product may result in electrical shock. Handle all components with care. Inspect regularly for damage to components and cabling.
2. You are responsible for ensuring that the installation of this product does not void or affect the vehicle manufacturer's warranty. VOXX Electronics Corporation or its subsidiaries are not liable in full or in part for improper installation resulting in loss or damage to your property, or for voiding all or part of the vehicle manufacturer's warranty.
3. Do not apply excessive force to any of the components contained within this kit. Excessive force used before, during or after installation that results in a damaged or non-functional part will void all warranties.
4. Please follow the procedures in this installation manual. Improper installation or modification of this product will void all warranties.

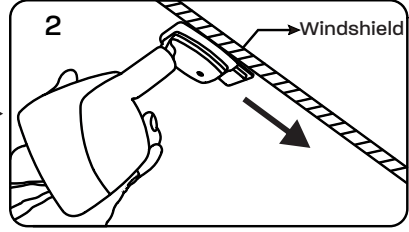
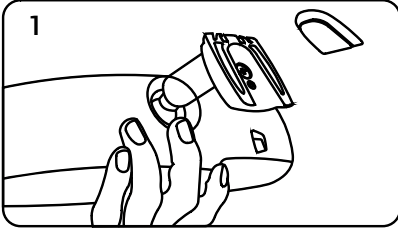
# Installation

## System Layout



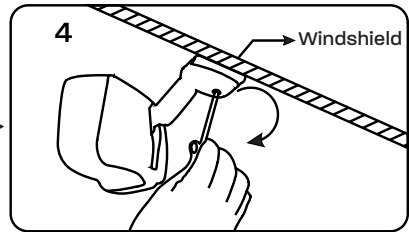
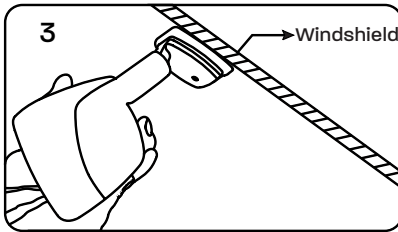
# Installation

## Mirror Installation (Universal Wedge Mount)



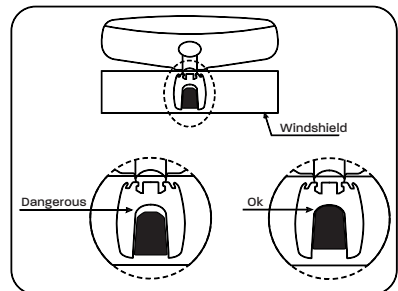
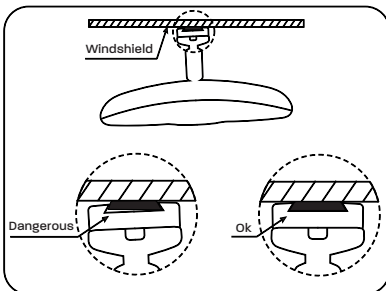
1. Remove the original mirror and prepare RVMDVR for installation
  - Inspect all parts of the RVMDVR to ensure no defects are present before installation.
  - Using a Phillips screw driver, loosen mounting set screw.
2. Install rear view mirror on the OEM window mount.

Note: Some vehicles require mounting adapters.



3. Make sure to install the mirror completely onto the universal wedge mount.
4. Use a Phillips screw driver to secure the mirror to the universal wedge mount.

Note: Always use caution, DO NOT force the mount. VOXX will not be responsible for broken windshields. If you are not sure how to remove or re-install the mirror, seek trained, qualified help.



## User Interface



**The screen shown above is available at any time when the display is active.**

1. Event / Snapshot: Press and release to take a picture; Press and hold to trigger event lock.
2. Display View: Toggle between camera views.
3. Screen On/Off: Press and release to toggle display ON/OFF; Press and hold to turn system OFF.
4. Settings Menu: Adjust system settings.
5. Recording Playback: View video and image files stored on the SD card.
6. Recording: Start / Stop video recording.
7. Display View: Toggle between camera views.
8. Snapshot: Press and release to take a picture.
9. Event Lock: Press and release to trigger event lock.
10. Display Brightness: Move bar left or right to adjust display brightness.
11. Display View: Swipe left or right to toggle between camera views.
12. Time Display: Press and hold this location to activate or deactivate time display.
13. Zoom: Swipe up or down in this location to zoom the rear camera image.
14. Camera Alignment: Swipe up or down to adjust the front or rear camera image up or down.

# Introduction

## Basic Features and Functions



**Video Recording:** The system will automatically begin to record when the vehicle's ignition is turned ON. The system will continuously record until the vehicle's ignition is turned OFF. The system will record video files until the memory card storage is full. Once the card is full the system will begin to overwrite the oldest video files to create available storage files.

**Event Recording:** The system will monitor its on-board impact sensor. When an impact is detected, the system will create a 1 minute event file and lock the file onto the SD memory card. Event files cannot be overwritten.

**Video Streaming:** The system can live stream the front camera, rear camera, or a split screen view of each camera. Note: Rear camera is optional.

**Video Playback:** The system can playback any recorded video file. To view videos files, press the recoding playback button on the mirror home screen.

# Main Menu

## Menu Options

Menu options are available at any time by pressing the Settings (Gear) icon from the main screen.

Note: All recording functions will stop while configuring settings.



**Storage:** View the remaining SD card storage space; Format SD card.

**Resolution:** Set recoding resolution. 1080P or 2K options available. 2K will consume more storage for each recording.

**Loop Time:** Set the recording duration for each file.

**Sound Record:** Set sound recording ON/OFF, DVR will use the on-board microphone to add audio to the DVR recording.



**G-Sensor:** Configure the sensor level for event locking. The on-board G-Sensor will monitor the motion of the vehicle. When a shock or impact is detected to be above the threshold, the DVR will create a new event file and lock it to the SD card.

**Parking Mode:** Activate , deactivate, and configure parking mode.

**Battery Low Voltage Protection:** Set the voltage level to automatically deactivate parking mode.

**Language:** Set the menu language.

# Main Menu

## Menu Options



**Date and Time:** Set the date and time settings including time zone and daylight savings mode.

**Display Mode:** Set the display to be ON at all times or automatically shutdown.

**Brightness Setting:** Set the brightness level.

**Volume:** Set the volume level for menu beep confirmation and file playback.



**Speed Display:** Choose if the vehicle speed is embedded into the DVR video files.

**GPS Information:** View GPS connections status.

**Speed Unit:** Set speed display to MPH or KPH.

**Screen Display:** Set the default camera display for boot-up. Front or Rear Camera.



## Menu Options



- **Rear Flip:** Set the display mode for the rear camera. Setting to ON will flip the image vertically.
- **Rear Cam Mirror:** Set the display of the rear camera. Setting to ON will mirror the image horizontally.
- **Front Flip:** Set the display mode for the front camera. Setting to ON will flip the image vertically.
- **Front Cam Mirror:** Set the display of the front camera. Setting to ON will mirror the image horizontally.



- **Reverse Line:** Set the rear camera parking lines ON or OFF.
- **Restore Factory Settings:** Reset all settings and configuration to factory defaults.
- **About Model Version:** Check the firmware version.

# Features Settings

## Feature Descriptions

**Storage Capacity :** The system includes a 32GB Micro SD card. The SD card slot is located on the bottom of the mirror. The system is compatible with up to 256GB SD card. It is recommended to format the SD card the first time it is used and every 3-4 months. This will ensure peak performance.

**NOTE:** Formatting the SD card will permanently erase any files on the card. Please backup any important files before formatting.

**Parking Mode:** The Parking Mode features will allow the DVR system to record video and images when the vehicle is parked. Once the parking mode is activated the options shown below are available.

- **Parking Mode ON/OFF:** Activate or deactivate parking mode.
- **Sensitivity:** This setting is used to adjust the force required to trigger a parking video recording.
- **Time-Lapse Recording:** When this setting is ON the system will take a photo at the time interval selected to create a time-lapse video file. Time-lapse recording is activated when the vehicle's ignition is set to OFF and will continue until the ignition is ON or the maximum length below is reached.
- **Video Length:** This selectable timer option will set the maximum length of each time-lapse recording.

**Date & Time Configuration:** The system's date and time setting can be configured using the built in GPS or manually. When this option is ON, date and time are automatically set. When this option is OFF the user must set date and time manually.

- **GPS Time ON/OFF:** Activate or deactivate automatic GPS time.
- **24-hour Clock:** Choose how the clock is displayed on the monitor and the video files.
- **Time Zone:** Choose the UTC time zone.
- **Daylight Savings Time:** Select Daylight Savings Time ON/OFF.

**Battery Protection:** The system can monitor the vehicle battery voltage and automatically deactivate parking mode when the battery reaches the chosen threshold.

- **Battery Voltage:** The system will display the current vehicle battery voltage.
- **12V Vehicle:** Choose the low battery threshold for 12V vehicles.
- **24V Vehicle:** Choose the low battery threshold for 24V vehicles.

# Warranty



## 12 Month Limited Warranty

VOXX Electronics Corporation (the Company) warrants to the original purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product, (at the Company's option) without charge for parts or repair labor. A transmitter for a vehicle security or remote start system is warranted for 12 months from the date of original purchase.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), authorization number, specification of defect(s), transportation prepaid, to an approved warranty station. This warranty is not transferable.

This Warranty does not cover damage to the vehicle's electrical system or costs incurred for the installation, removal or re-installation of the product. This Warranty does not cover batteries, broken LCD transmitter display screens, nor apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, abuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s).

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 24 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

The company does not warrant that this product cannot be compromised or circumvented. THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT WITHOUT INSTALLATION LABOR.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.



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