



# Dual-Vision

## Quick start installation instructions V1.3

A comprehensive installation manual is included on the accompanying CD.

Please print and read the manual prior to installation. Failure to do so may cause damage to the unit or void your warranty.

### NEVER REMOVE SD CARD FROM RECORDER UNLESS POWER IS DISCONNECTED


Do not use this SD card for any other purpose

Using this SD Card for any other purpose, or removing while recorder is powered, may cause a fatal error on the card

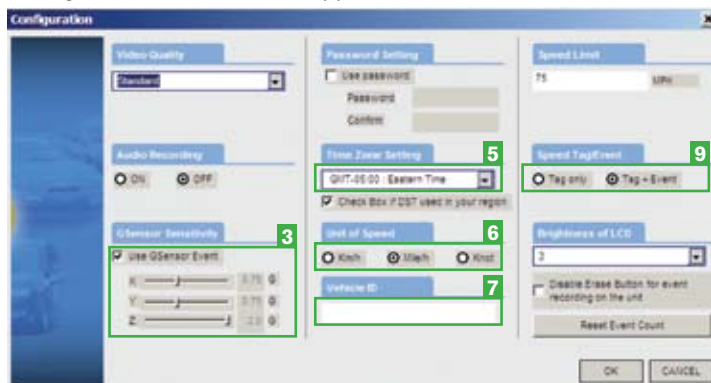
Note: If using Delay Timer, the power may remain on after engine shutdown due to timing sequence of the module. Before removing SD Card, either wait for module to time out, or manually unplug the mini USB connector from the recorder unit.

This quick start guide is intended to refresh the installer on important installation parameters of the Dual-Vision™ unit and does not replace the reference manual. Note: This guide does not address the installation of the optional DV101ENC Security Enclosure. Refer to the Manual for that information.

### 1.0 Recorder set-up

- Remove the SD Card from the Dual-Vision™ unit. Place the SD card in the SD card slot of your PC (or use an SD to USB adapter), and run the "Player.exe" application.
- Clicking on the CONFIG  button that appears on the main screen when the application is running, (this is found in lower right hand region of user playback interface screen).

Configuration screen (below) appears:



#### Important Settings:

- Select your time zone (5);
- enter vehicle ID number if used (7);
- Unit of Speed (set to MPH or KPH) (6);
- set x, y & z axis G-force values (3);
- select Tag or Tag + Event (9);
- and make any other changes as needed.

c. Click OK, then Exit the program.

d. Place the SD card back into the Recorder. As it powers up, this information will be uploaded to the Recorder.

### 2.0 Installing the recorder

- Decide whether the unit will be hard wired into the vehicle's electrical system, or will be powered using the Cigarette Lighter Adaptor. If wired into the vehicle's electrical system, use the optional delay timer module which converts the 12-24Vdc from the vehicle to the 5Vdc required by the recorder. If using Cigarette Lighter Adaptor, note the Brigade unit incorporates a DC to DC voltage converter and related electronics for the remote alarm button. DO NOT USE ANY OTHER CIGARETTE LIGHTER ADAPTOR OTHER THAN ONES AVAILABLE FROM BRIGADE.
  - Plan cable runs and how to secure the cables, and where power will be accessed. If you are using the delay timer module, a third wire (yellow) is to be used and is connected to a source of + 12 or + 24Vdc when the ignition or accessory switch is in the "ON" position.
  - Decide unit location, making sure that both forward-facing and inward-facing cameras have a clear, unobstructed view. Make sure that the equipment being installed does not impede driver vision.
  - To ensure a good GPS signal, make sure the unit is not mounted directly beneath any metal overhang (in a bus or delivery vehicle application), or directly next to the roof (of a car).
  - Test-mount the unit onto the windshield using temporary adhesive pads (supplied), and power the unit temporarily using the Cigarette Lighter Adaptor. Use a grease pencil to mark the location.
  - Operate the recorder for a short time, disconnect power, and remove SD card. Insert SD card into your PC and check images through the Dual-Vision™ Player software, to make certain that the selected windshield mount location is acceptable.
  - With power off, connect the manual remote alarm button to either the Delay Timer Module or to the Cigarette Lighter Adaptor using mating connector.
  - Make necessary power connections.
  - Tidy up wiring and cable runs.
  - Plug the USB cable into the Dual-Vision™ recorder.
  - Turn vehicle on, ensure that power to the device is applied. The LED display should become active, displaying "init" and other messages while it searches for GPS satellite signals. It may be necessary to drive the vehicle for a few minutes, to enable GPS signal acquisition. This step may take up to 30 minutes (for first time only. After that it typically takes less than one minute to acquire GPS)
- CAUTION: Never remove or insert the SD card while the Recorder is powered (as seen by any lit indications or messages on the LED display)**
- When GPS info is acquired, the display will show correct time if the unit is stationary, and will show speed when the vehicle is in motion.
  - Test the unit by driving, triggering the manual alarm button ("E" or the Remote Manual Alarm button), and then, with power off, remove the SD card from the unit and review the recorded data using the Dual-Vision Player software.

