

2K High Definition Dash Camera

DRVC-2110



Recommended Tools				Difficulty Level
 Wrench	 Wire Strippers	 Wire Cutters	 Electrical Tape	
 Screw Driver	 Panel Removal Tool	 Zip Ties	 Socket Set	Install Time
				 15min - 45min
Questions? Call the Brandmotion technical support line at (734) 619-1250 or CLICK HERE				

Kit Contents

Components for installing the **DRVC-2110**



Kit Contents:

1x Forward Facing Dash Camera

1x Power Point Harness

1x Intergated Power Harness

1x Rear Facing Camera

1x Rear Camera Harness

2x Adhesive Mounts

Primary Camera Installation

Part 1

Power Harness Installation (Power Point Harness)

Note: Using this installation method will forfeit the Dash Cameras ability to start a recording while the vehicle is powered off. Be sure to confirm that the powerpoint is only active while the vehicle is running or with the key ON to protect the vehicle's battery from excessive discharge when not in use.

1. Locate the included Vehicle Power Point Harness
2. Plug the connector into the vehicle's power point and begin running the harness towards either side of the vehicle, preferably in a location where the harness is hidden as much as possible.
3. Continue routing the harness up to vehicles A pillar, take care not to tamper with any airbags along the way.
4. Route the remainder of the harness to the rearview mirror area of the windshield.

Part 2

Power Harness Installation (Direct Wire Harness)

To take advantage of the Dash Cameras full feature set, you will need to use the included Direct Wire Kit for power to the unit.

1. First, Identify the following signals from the vehicle
 - Yellow Wire: Constant 12V+
 - Red Wire: Accessory 12V+
 - Black Wire: Chassis Ground

Be sure to check each signal with a BCM safe multimeter before making connections and powering the unit.

Primary Camera Installation

Part 2

Power Harness Installation (Power Point Harness)

2. Make the required power and ground connections. Solder connection with heat shrink is always recommended for the highest quality connection
3. Begin routing the direct wire harness from the connection area towards the nearest A pillar, depending on where the power source is located. Follow factory harnesses wherever possible.
4. Continue routing the harness up the A pillar, taking care to route around or behind any airbags that might be in the pillar.
5. Route the harness out of the top of the A pillar and across the headliner. Leave a small amount of slack hanging out of the headliner for the connection

Part 3

Main Dash Camera Mounting

1. First, confirm you have the proper orientation for mounting. The small mounting foot should be on the side of the unit that is towards the passenger side of the vehicle.
2. Find a desirable location for the unit on the windshield that will block as little of the driver's view as possible but has a clear line of sight for the camera to see everything in front of the vehicle.
3. Once the ideal location has been identified, clean the mounting area with alcohol and a clean rag, remove the protective film from the adhesive tape, and apply firm and steady pressure on the mount against the glass.
4. You can plug in your power cable connection to the unit at this time.

Secondary Camera Installation

Part 1

Camera Mounting

Note: The secondary camera is intended ONLY for rearward facing and interior mounting applications. We do not recommend mounting this camera anywhere outside the vehicle and it cannot be oriented as a forward facing camera

1. Similar to the main camera, start first by confirming you have the correct orientation of the camera. The text should be right side up when the lens is facing out of the rear window.
2. Clean the mounting area with a clean cloth and alcohol.
3. Remove the plastic film from the foot mount of the camera and press the mount into place with firm pressure to ensure a good bond between the glass and the adhesive tape

Part 2

Installing the Secondary Camera Chassis Harness

1. First, connect your chassis harness to your Secondary Camera's short pigtail.
2. Begin running the harness to the headliner or nearest suitable trim piece.
3. Continue routing the harness to the front of the vehicle where the main unit is located. Follow factory wiring paths wherever possible
4. Once the harness has been run to the area of the headliner above the windshield, you can plug the auxiliary jack into the side of the primary camera

Mobile Application and Device Setup

Part 1

Download the Mobile Application (Android or iOS)

1. Start by opening your respective devices application store
2. Search for "Kacam" in the search bar (It is free!) and begin the download.
3. Once the application has finished installing, go ahead and power the Dash camera and wait for all of the audible alerts to finish.
4. In your mobile device, connect to the Dash Cameras Wifi signal. It will have LS01 or AZDOME in the source name. The password for the connection is **88889999 or 12345678**

We also recommend that you change the settings in your device to NOT automatically connect to this Wifi source. This source may keep your phone from using mobile data for texts and calls while connected to Dash Camera's Wifi. You should only be connected when trying to access video or make changes to your device settings.

5. Once you have successfully connected to the Wifi, you can now open the Kacam application, click the new network connection LS01, and start accessing the features and settings of the system.

Part 2

Device Setup

1. After clicking on the LS01 Wifi source inside the Kacam app, you will be taken to the main screen of the application.
2. In the top right corner you will find the settings icon for the deeper settings of the system. You will also see a few quick setting buttons along the bottom half as well as the

Mobile Application and Device Setup

Part 2

Device Setup

forward facing camera image in the display window.

3. Any changes made in this menu should take effect right away. Read below for a description of all the deeper settings found in your settings menu.

Owner's Manual

- Resolution: The front camera resolution can be changed between 1080p and 1440p (2K) resolution. This will affect both the image quality and the duration of video that can be stored on the card at any time
- Encoding Format: This setting is pre set to H265 and we do not recommend changing this setting unless advised to do so
- WDR: Turn on and off the Wide Dynamic Range functionality. Wide Dynamic Range is a video protocol that is intended to alleviate some of the glare or "Bloom" around bright lights when driving at night.
- Time Stamp: Toggle the time stamp on your recordings on and off
- GPS Stamp: Toggle the GPS location stamp on your recordings on and off
- Frequency: Select a video frame rate (the amount of images displayed per second) between 50Hz and 60Hz. This setting can be especially useful for vehicles behind you that have LED lights that appear to be flashing when caught on video
- Microphone: Toggle the forward facing cameras microphone function on and off for interior audio
- Volume: This setting will affect the volume of the audible alerts provided by the Dash Camera
- Boot Sound: Toggle the musical chime that the device puts out when it is powering on and off.
- G-Sensor Sensitivity: Adjust the sensitivity of the system for the auto lock feature for videos that are ongoing when a G-force incident occurs
- Time Lapse: This setting can allow the normal recordings, while the vehicle is on, to be a time

Owner's Manual

lapse format to allow long durations of video that use a small amount of storage.

- Loop Recording: Adjust the duration of clips that the device records before starting a new recording
- Speed Unit: Select the desired unit for speed
- Synchronize Time: Clicking this item will automatically synchronize your devices clock
- GPS Info: Displays information about the data that is available from the satellites that the GPS is connected to
- Plate Number: Enter your vehicles plate number, not required
- TF Card Storage: Displays information about the used and available storage on the installed card
- Format TF Card: Automatically format your memory card
- Reset Device: Factory Reset
- WiFi: Displays information about your devices WiFi source and password. You can also change your WiFi name and password
- About: Model and Software version information