BRANDMOTION
seamless vehicle personalization

Android Cell Phone Camera Interface
(Kit # 9002-2801)

Please read thoroughly before starting installation and check that kit contents are complete.

Items Included in the Kit:
Power harness
Micro USB harness
9002-2800 Module
Camera video input harness
Allen wrench, zip ties, double sided tape
Camera with selectable park lines
These Instructions

Tools & Supplies Needed:
Phillips Screw Driver
10mm or 8mm Socket
Plastic Trim Removal Tool
Vehicle service manual (If needed)
Wire stripers
Electrical tape or heat shrink
Multi-meter/computer safe test light

Safety Precautions:
- Work in well ventilated area that is clear of obstructions.
- Secure vehicle with tire chucks in both front and rear of tires.
- Turn vehicle accessories OFF and ensure ignition key is in OFF position.
- Wear safety goggles and snug fitting clothes.
- Use tools only for their intended purpose and which are in good repair.
- Only perform this task if confidence, skill, and physical ability permit.

NOTE: We strive to provide accurate and up-to-date installation instructions. For the latest full color instructions, as well as an installation video, please visit www.brandmotion.com

1. Determine a good visible location for the cell phone to be located, using a mount or in the console. (Make sure not to block driver visibility of the road for safety.)

2. Find a location to install the 9002-2800 module in the vehicle.

3. Run the micro USB from the cell phone location the 9002-2800 module.

4. Depending on the vehicle the interface is being installed on, find the accessory wire of the vehicle. Use a multi-meter or compute safe test light. (Try at the key cylinder or the BCM for the accessory wire.)

5. Find the reverse +12 volt wire in the same way with a multi-meter or computer safe test light. (It could possibly be in at the BCM, driver or passenger kick panel or the reverse bulb at the taillight.)

6. On the rear of the vehicle, remove the 2 or 4 screws that hold the license plate on.

7. (a) Car install- Run the harness of the camera by using a 5/16 drill bit to drill a hole behind the license plate opening. Make sure it is clear on the backside of the plate for wires or cables before drilling the hole. Run the harness through the hole into the car. (Use a grommet and seal hole with silicone.)

   (b) Truck install- Run harness though opening behind plate in bumper.

8. Mount license plate back on vehicle with the camera bracket behind the plate. Use the top two (2) screws the hold the plate and bracket in place. Make sure harness is not being pinched and tighten the mounting screws.

9. Connect camera harness together, the connection is about (3) feet from the camera. (Under the heat shrink connect the (2) green wires together to shut off the park lines because the interface displays it own adjustable park lines.)

10. Insulate the wires and harness connector with heat shrink or electrical tape to prevent water damage or shorts.

11. Run the camera harness the harness though the inside of the vehicle or along the frame rail, using zip ties to secure the harness. (Make sure not to pinch or bind harness on trunk hinges or under vehicle on frame or exhaust.) *note: If reverse wire was found at reverse light, then run a wire to the front of the vehicle with the camera harness.*

12. (a) Car install- Run the camera harness to the location of the 9002-2800 module.

    (b) Truck install- Run harness to under hood secure and zip tie to avoid any obstacles under the hood and go through a grommet in the firewall to inside of truck, then run harness to the 9002-2800 module

13. Connect the red wire from the 9002-2800 module and the red wire from the camera to the accessory wire that was found previously protected by a 15 amp fuse. Connect the wire by military splicing the connection or soldering. Wrap the connection in electrical tape.
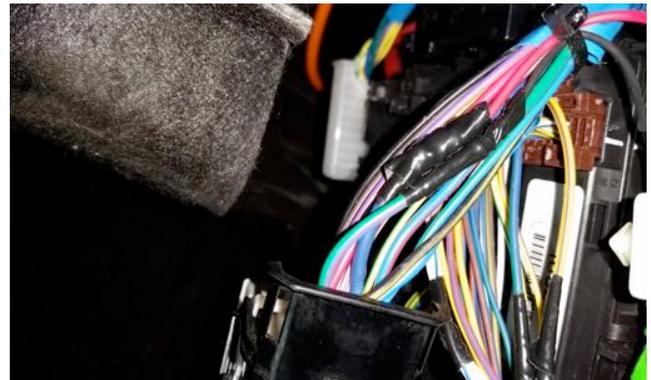
14. Connect the black wire from the 9002-2800 module and the black wire from the camera the to a good clean ground with a ringlet and bolt.

15. Run the harness to the 9002-2800 module and connect the (3) harness to the module.

16. Connect the video RCA from the camera to reverse video RCA harness on the 90module. Connect the reverse wire to the blue reverse from the 9002-2800 module.

17. Mount the 9002-2800 module securely.

18. Go to the Play Store on the Android phone and search for Liteon S-Cam, download the app, and cerate a short cut for it to the home screen.

19. Plug the micro USB into the phone, turn the vehicle on without starting it.

20. Put the vehicle into reverse, (if a S-Cam message pops up set the phone as default USB device.) The back-up image will appear on the phone. It will display vertical or horizontal.

21. Reinstall vehicle in reverse order.

System settings

Press the up arrow icon at the lower left side of the screen to show/hide the setting menu.

Press the car icon at the lower middle of the screen to show/hide parking lines.

Press the gear icon at the lower right of the screen to access the setup page.

Press the parking overlay to adjust the parking lines one the screen.
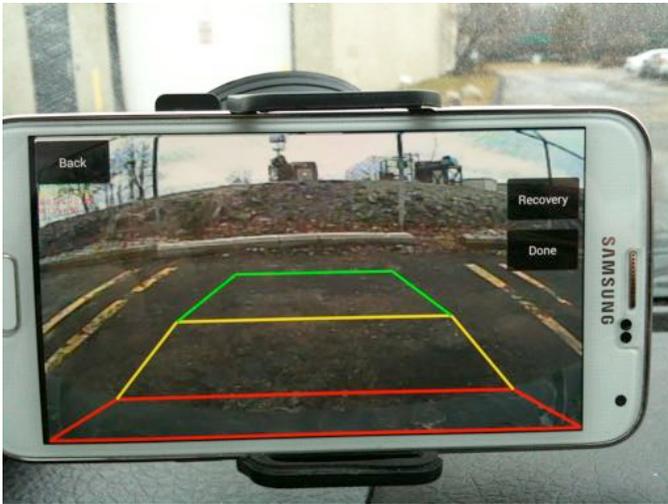
Press the system indicator to show/hide the camera icon in the notification bar of the cell phone.

Press the video quality to adjust the video quality. There are 3 modes High, Normal and Low. Recommended setting is the normal for the best quality.

Press the factory default to reset all the setting back to factory.

Press the about icon to check app version information.

Then press yes or no.

APP Version : V 1.06 build 31

The camera will remain on for 8 second after the vehicle gear selector is removed from reverse, then switch to a "no image available" screen.

With the micro USB connected it will show up in the settings home screen, to let you know that the camera is connected.