CAUTION! All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.

INTERFACE FEATURES

- (4) Camera inputs
- Reverse signal trigger generated via CAN bus communication of the vehicle
- Turn signal trigger generated via CAN bus communication of the vehicle
- (1) Programmable camera control wires
- Micro-B USB updatable

GM† LVDS Camera 2014-2019

† Intended for 8” inch screens, the GM LVDS interface will allow your factory screen to enable a Camera or add multiple cameras to your factory screen. It can also be used as a “Baby Monitor” or “Monitor” for your Trailer Hitch.”

Visit AxxessInterfaces.com for more detailed information about the product and up-to-date vehicle specific applications.

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REQUERED ITEMS (sold separately)

Update Cable: AXUSB-MCBL
Axxess Updater Program

APPLICATIONS (LD-GMLVDS1-AC - 8 inch (IO5/IO6))

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CAUTION! All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.
The following options can be chosen for each input

**Camera 1**
- **Disable:** Turn off input
- **Reverse:** Activates when the vehicle is in reverse
- **Left Blinker:** Activates input when your left turn signal is activated
- **Right Blinker:** Activates input when your right turn signal is activated
- *** Control 1 Positive:** Allows you to trigger that input by applying 12V
- *** Control 1 Negative:** Allows you to trigger that input by applying a ground. (Reverse can only be configured on Camera 1)

**Camera 2**
- **Disable:** Turn off input
- **Left Blinker:** Activates input when your left turn signal is activated
- **Right Blinker:** Activates input when your right turn signal is activated
- *** Control 1 Positive:** Allows you to trigger that input by applying 12V
- *** Control 1 Negative:** Allows you to trigger that input by applying a ground

**Camera 3**
- **Disable:** Turn off input
- **Left Blinker:** Activates input when your left turn signal is activated
- **Right Blinker:** Activates input when your right turn signal is activated
- **RVA (Rear Video Assistant) Positive or Negative trigger:** Allows you to monitor a child or view your Trailer Hitch

**Camera 4**
- **Disable:** Turn off input
- **Left Blinker:** Activates input when your left turn signal is activated
- **Right Blinker:** Activates input when your right turn signal is activated
- *** Control 1 Positive:** Allows you to trigger that input by applying 12V
- *** Control 1 Negative:** Allows you to trigger that input by applying a ground
- **Auto (Reverse to Drive):** Activates once it sees a sequence of reverse then drive

* Not available if RVA is selected as a trigger source for input 3

**Note:** The AXAC-GM1 monitors the vehicle's speed, preventing the use of the Cameras when vehicle is in motion. **Example:** When approaching a stop/light and your turn signal is active, your configured camera input that uses a turn signal will not activate unless the vehicle is moving at 3mph-cut off point. (Cut off point is from 8-15mph)
• Enter the ADD-CAM Configuration section

• You will now be in the “Select Vehicle” Screen, go ahead and select your GM Vehicle

• Once vehicle has been selected, go ahead and select the configuration tab. You can now configure your cameras
1. Disconnect the factory 10-pin connector that plugs into the factory screen.
2. Connect your **LD-GMLVDS1-AC** into the factory connector that was removed and connect the other end into the screen.
3. Disconnect the LVDS connection from the factory screen, connect that cable into the LVDS input side of the board.
4. Connect the LVDS output side of the interface into the factory screen
5. Connect the 6-pin connector from the **LD-GMLVDS1-AC** to the 6-pin from the **LD-GMLVDS-AC** harness.
16pin connector: Plugs into interface

- **Gray/Blue**: Control wire that can be configured to accept a Positive or Negative, so that you can trigger that Video input.
- **Red** wire: Will provide 12V *(5AMP) for as long as the vehicle is awake for your aftermarket Cameras.

4 Female Video inputs

The following (4) Video inputs are configured through our Axxess updater (under Add-CAM).

* The **Red** wire provides 5 amps (it’s recommended to use a SPDT automotive relay when using that line to power up multiply cameras) Use Metra part number E-123 (sold separately) for best results.
INSTALLATION INSTRUCTIONS

KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.

®
Metra recommends MECP certified technicians

Having difficulties? We’re here to help.

Contact our Tech Support line at:

386-257-1187

Or via email at:
techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM
Saturday: 10:00 AM - 7:00 PM
Sunday: 10:00 AM - 4:00 PM