

**GM MyLink Camera Interface for  
7-inch IOB Display Radios 2016 to Current  
(Kit # 9002-2765)**

**\*\*\*NOTE: VERIFY YOU HAVE AN 'IOB' RPO CODE located on the OEM RPO sticker (glove box or spare tire well). If the vehicle has an 8-inch IO5 or IO6 radio, this unit is *not compatible*\*\*\***

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

**Items Included in the Kit:**

Power/CAN T-harness  
9002-2765 interface module  
OSD Menu Remote  
LVDS Input Cable  
LVDS Output Cable  
IR Eye Harness

**Tools & Supplies Needed:**

Wire strippers and/or cutters  
Electrical tape  
Zip ties  
Plastic panel removal tools  
Digital Volt Meter / BCM safe test light  
Metric Socket set

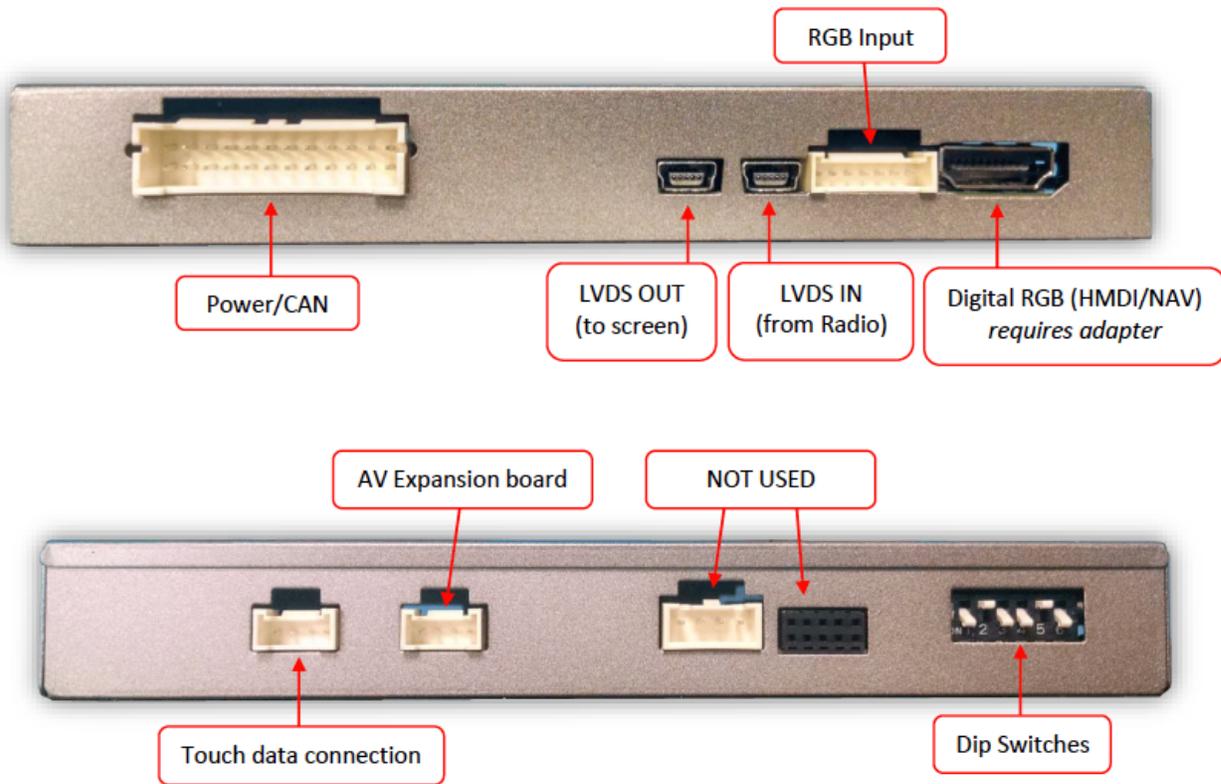


**Safety Precautions:**

- 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](http://www.brandmotion.com)**

**INTERFACE CONNECTORS:**



**DIP SWITCH SETTINGS (CONFIGURE *BEFORE* INSTALLATION):**

Dip SW:	1	2	3	4	5	6
UP	DIGI-RGB OFF	N/A	N/A	OEM camera	N/A	<b>Leave DOWN</b>
DOWN	DIGI-RGB ON	N/A	N/A	Adding rear cam	N/A	<b>Leave DOWN</b>



***\*Note: If the dip switches are not configured prior to installation you must remove power to the unit prior to making adjustments to the dip switches. When power is reconnected after the dip switch adjustment the new settings will be stored into memory.***

## SCREEN REMOVAL AND INTERFACE INSTALLATION (SILVERADO):

1. Remove the trim surrounding the main media screen using plastic tools and set it aside.
2. Remove (4x) 7mm screws securing the screen assembly to the sub-dash. Disconnect all connectors and set the screen aside.
3. Locate the (gray & brown) OEM plugs connected to the radio indicated below, and connect the provided **T-Harness** portions of the **Power/CAN Harness** in between the car side and the radio.



4. Connect the **OEM LVDS video cable** previously removed from the *screen* (not the radio) to the port on the 9002-2765 interface labeled 'VIDEO IN' (*use provided extension if necessary*).



5. Connect the provided **LVDS Output Cable** from the 'VIDEO OUT' connector on the module, directly to the screen LVDS Video port. Make certain the connector is seated firmly.



## SCREEN REMOVAL AND INTERFACE INSTALLATION (SILVERADO)—CONTINUED:

6. Connect the 12-pin white connector to the module at the port labeled '*POWER CAN*'.
7. Connect your camera signal RCA to the yellow female RCA among the main power harness labeled '*CAMERA*'.  
*NOTE: if this vehicle has an OEM camera, you must connect the male RCA among the*
8. The **purple wire** on the main power harness **outputs 12v (+) when in reverse only** (500mA max) and may be used for (single) camera power.
9. The **green wire** on the main power harness is used to **force the rear cam or AV1 video input RCA** (selectable – through OSD menu. See page X for menu options)
10. The clear **4-pin molex** connector (from main power harness) is not used.

## 9002-2765 OPERATION:

After all connections are made and **DIP switches set properly**, start the vehicle. Placing the vehicle in reverse will show the connected rear camera, with dynamic guidelines overlaid onto the media screen.

Holding the **HOME** button for ~5 seconds **while in reverse** will cycle through the available PIP (picture in picture) options.

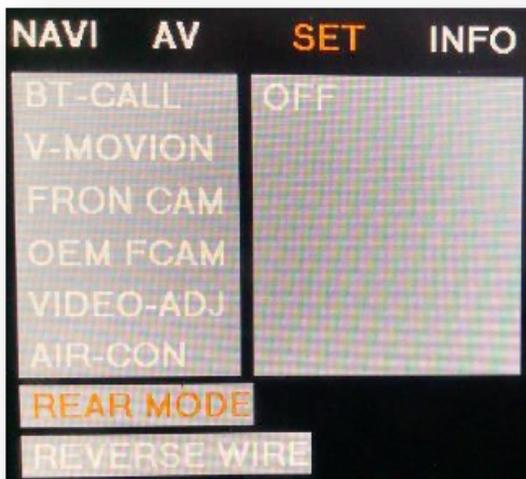
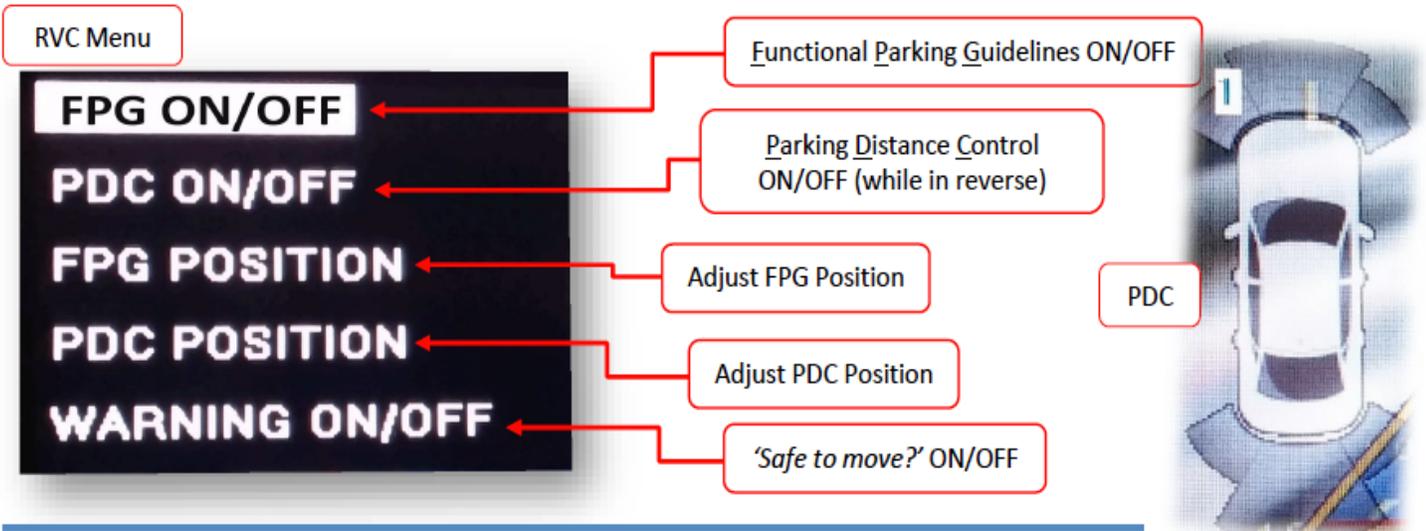
## 9002-2765 FAQ:

1. ***I've installed this interface properly, now I have a black screen in park and reverse.***
  - a. Make certain the IN and OUT LVDS video cables are connected in the proper location (at the screen and proper direction), and seated fully. The 'OUT' cable should go directly to the screen, and the 'IN' cable is really just an extension, and should be connected from the OEM LVDS cable previously connected to the screen.
  - b. This kit connects at the *screen* for video interception.
  - c. Make sure the provided 'OUT' connector at the screen is seated fully into the screen (may need to wiggle it in or even shave some rubber from the plastic).
  - d. Verify the LEDs on the inside of the unit are twinkling with the key on. If not, check the fuse on the **red** power line going into the main connector of the unit.
2. ***Nothing happens when I place the vehicle in reverse – it stays on the OEM screen.***
  - a. Be certain DIP SWITCH #4 is ON (down). This enables the RVC port on the module.
3. ***The connectors are not the same for the plug & play portion of the T-Harness, behind the screen.***
  - a. Verify you have an 'IOB' RPO code located on the OEM RPO sticker (glove box or spare tire well). If this vehicle has an 8" IO5 or IO6 radio, this unit is not compatible.

**SETTING/NAVIGATING OSD MENU:**

Before you start:

- The IR-Eye must be connected
- Make sure the car's ignition is on and radio is on
- You must be in **Reverse Camera mode** **OR** **AUX Video mode** (see below):
  - **Reverse Camera Mode** adjusts Reverse Camera Settings
  - **AUX Video Mode** adjusts AUX Video Settings
- Press the **OK BUTTON** 4 times (numbers will display per press), then press **POWER**.
- The **OSD Menu** will appear on screen (auto-time out in about 5 seconds if no action occurs).



**If adding a front camera OR Aux Video source (requires VSW-R):**

1. Disconnect POWER/CAN Harness from interface
2. Place DIP SWITCH 1 in the DOWN position, reconnect power
3. Double-tap the **HOME** button on the dash to activate 'NAV INPUT'
4. Press **OK** button on remote 4 times, then press **POWER**
5. Navigate to '**SET**', and set '**REVERSE WIRE**' to '**REAR**'
6. Let OSD menu time-out (5 seconds)
7. Follow the diagram on page 8 (FIG 2) and make connections.

**Once finished with settings**, place DIP SWITCH 1 back into the **UP position** and reset power to interface.

**OSD MENU OPTIONS—CONTINUED:**

- **BT-CALL:** How a (OEM setup) Bluetooth phone call is handled while in AV/HDMI mode:

**BT-CALL**

- **ON** - When in AV/NAV mode, the unit will transition to the OEM screen when a Bluetooth phone call is active, then return when call is ended.
- **OFF** - There is no screen transition when a BT call is active. The screen will remain in whatever mode it is currently on.

- **V-MOVION:** N/A

- **FRON CAM:** Front camera timer (AV1) = without expansion board; (AV3) with expansion board

**FRON CAM**

- **5s, 7s, 9s, 11s:** Choose one (timer, in seconds), for the amount of time the *front camera (AV1)* shows after the vehicle is transitioned out of reverse gear
- **OFF:** No timer activation

- **OEM FCAM:** N/A

- **VIDEO ADJ:** Adjust video settings for AV1/HDMI/NAV, etc

**VIDEO-ADJ**

- **AIR-CON:** Used on vehicles that display the HVAC/volume information on the screen whenever an adjustment is made.

- **ON:** When in AV/HDMI mode, the screen will transition to the OEM screen to display the HVAC/volume adjustment, then auto transition back to AV mode.
- **OFF:** When in AV/HDMI mode, the screen will remain while HVAC/volume adjustments are made.

**AIR PIP ON**

- **NOTE:** another method for enabling/disabling this (labeled as 'AIR PIP') is by **pressing and holding the 'BACK' button (dash control) for 7 seconds.**

- **REAR MODE:** Used to determine operation when the vehicle is placed into reverse.

- **ON:** RVC dip switch (#4) dependent (follows DS #4).
- **OFF:** The unit will ignore the reverse gear/wire. (No screen transition in AV or OEM)

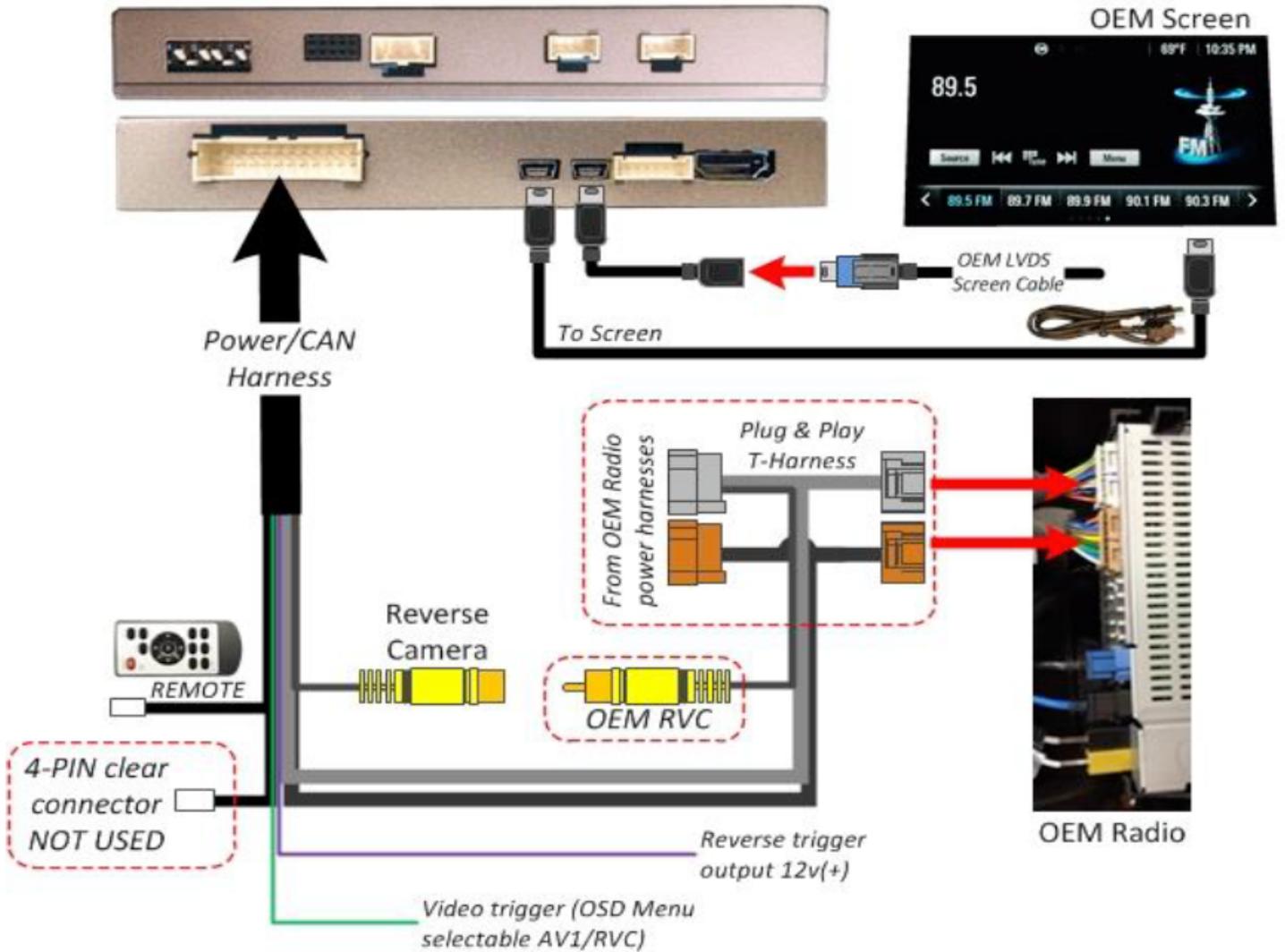
- **DIP 4 ON: Aftermarket camera input:** In AV/HDMI or OEM, the screen will transition to the RVC input when reverse is detected. Will display any extra overlay info, PDC, active guidelines.
- **DIP 4 OFF: OEM equipped camera:** In AV/HDMI the unit will transition into the OEM screen when reverse is detected.



- **REVERSE WIRE:** Providing 12v (+) to the **green wire** acts as an external activation for the selected input (connect through toggle switch, SVS-6, etc).

- **REAR MODE:** Follows the REAR MODE operation (with guideline overlay and any additional options)
- **REAR:** Displays the RVC input video in its raw form (no extra overlays)
- **AV1:** Displays AV1 input

**9002-2765 CONNECTION DIAGRAM:**



**POWERED BY:**

**NAV-TV**  
INTERFACING THE FUTURE

