

## Inputs

### VIDEO INPUT 1

This input is for secondary rear camera override. The secondary camera will activate when +12v is supplied to the GREEN wire.

### VIDEO INPUT 2

This input is for front or video input. For front camera installation see DIP switch settings. For use as a video input supply +12V to the BLUE wire.

### HDMI INPUT (only on the GM8USTMH)

This input will provide an HDMI VIDEO in for devices that have an HDMI output.  
NOTE: This connection does not support sound.

---

## Forced Input Activation

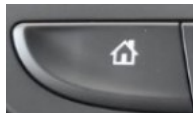
Malibu & Cadillacs - Press and hold the speak button for 3 seconds. Order will be HDMI, Video 1, Video 2, OEM



GM Trucks - Double tap the hang up button. Order will be HDMI, Video 1, Video 2, OEM



Press the Home button will return to the factory screen from any input source.



**For TECH SUPPORT call 1-833-AIS-TECH**

# AIS



**AUTOMOTIVE INTEGRATION SOLUTIONS**

**GM8USTM/GM8USTMH**

**8" GM IOU/IOS/IOT**

**CAMERA INTERFACE**

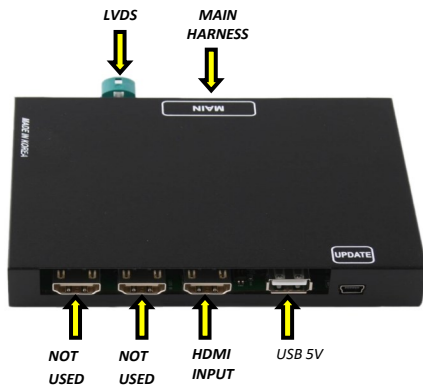
**INSTALLATION MANUAL**

**WWW.AISINTERFACE.COM**

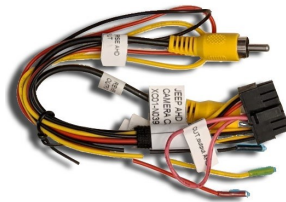
## Applications

GM VEHICLES EQUIPPED WITH RPO IOU, IOS, IOT SYSTEMS

### Parts inside the box



LVDS CABLE



MAIN HARNESS

### Wiring Diagram and Installation

1. Remove the factory screen to gain access to the radio ACM located directly behind the screen.
2. Locate the black factory connector at the ACM. Connect the RED wire from the main harness to the wire marked 12V+ in fig 1. Connect the BLACK wire from the main harness to the wire marked Ground in fig1.
3. Locate the grey factory connector located at the ACM. Connect the yellow to the wire circled in fig2.

12V+ Ground

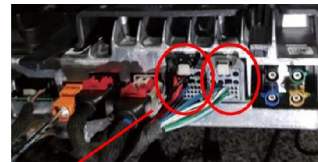
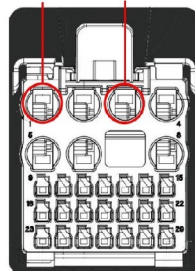


FIG 1

LAN wire

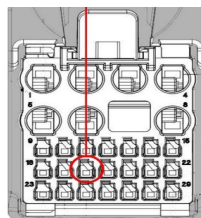


FIG 2

## LVDS Connection

Unplug the factory LVDS cable from the ACM. Connect one end of the supplied LVDS cable in the ACM and plug the other end into the factory LVDS cable.



## Camera Manual Trigger Wires

- █ GREEN WIRE - +input Trigger #1 ( THIS TRIGGER INPUT MUST BE USE IF INSTALLING A SECONDARY REAR CAMERA. When triggered, this will override the factory rear camera image.
- █ BLUE WIRE - +input Trigger #2 used for additional camera such as front. You can connect this wire to the MVSW4 (not included) to expand the camera inputs to 4 additional inputs.

## Setting the DIP Switches



DIP switches MUST be set prior to plugging in the main harness to the module. If at anytime you need to change the settings, unplug the main power harness from the module. If you don't unplug the harness before you change the DIP switches the changes will not take effect.

**DIP #1/2/3** - OFF

**DIP #4** - ON/OFF ( This activates the HDMI input. Only available on the GM8USTMH)

**DIP #5** - ON/OFF Secondary Rear Camera input manual trigger

**DIP #6** - ON/OFF Video 2 / Front camera manual trigger ONLY

**Dip #7** - ON (automatically appears after reverse gear. Will turn back to factory screen once vehicle reaches 7mph) If using manual trigger turn this DIP switch OFF.

**DIP #8** - ON for manual override in reverse gear for secondary camera.

**DIP #9 + #10** Car Type

#9 ON / #10 OFF Malibu / Colorado / Canyon / Trail Blazer / Cadillac

#9 OFF / #10 OFF Silverado / Sierra