

# Aftermarket Interface Module H-AIM506-R Order Spec Sheet (Product Configuration Form)



## Config Options:

- Recommended: Download the AIM Graphical User Interface (GUI) from the [InterMotive website](#), complete the configurations, save and email with your order to: sales@lgs-group.com.
- Or complete this form to specify custom configurations for your AIM. Save and email with your order to: sales@lgs-group.com.

## PURCHASER INFORMATION

Date \_\_\_\_\_

Company Name \_\_\_\_\_

Contact Name \_\_\_\_\_

Phone Number \_\_\_\_\_

Email Address \_\_\_\_\_

**Vehicle Make** \_\_\_\_\_ **Vehicle Model** \_\_\_\_\_

**Vehicle Year** \_\_\_\_\_ Vehicle Engine \_\_\_\_\_

NOTES \_\_\_\_\_

## INTERNAL ONLY

Config. Name	
Date Created	
Part Number	

**Orders will not be processed without the install vehicle's make, model and year. This information is needed for accurate configuration.**

## HIGH IDLE SETTINGS

High Idle RPM:

RPM Gas *Default 1500*

RPM Diesel *Default 1200*

*High idle vehicle requirements: TR = Park, SB = Off; RPM at idle*

SELECT TRIGGER OPTION:

OPTION A [ External Input Trigger:  Enabled (*Default*)  Disabled *High idle engages when ground signal is applied.*

OPTION B [ Park Brake Trigger:  Enabled  Disabled (*Default*) *High idle engages when Park brake is applied.*

## BATTERY SETTINGS

Charge Protect Feature:  Enabled (*Default*)  Disabled

Low Battery Voltage \_\_\_\_\_ *Max 16V (Default 12.5V)*

Recovery Voltage \_\_\_\_\_ *Max 16V (Default 13.5V)*

Recharge Timer \_\_\_\_\_ *Max 1800 Secs (Default 300 Secs)*

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## PROGRAMMABLE DATA OUTPUTS

Choose output settings:

PIN#	CUSTOM OUTPUT LOGIC		DEFAULTS
1* J6-Pin2	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power	Engine = Crank, 8 Amps
2 J5-Pin2	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power	Transmission Range = Park; 0.5 Amps
3 J5-Pin3	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power	Any Doors = Open; 0.5 Amps
4** J5-Pin4	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power	Park Brake, Electric = Off; 1 sec hold
5 J5-Pin8	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power	Ignition = On; 0.5 Amps
6† J5-Pin9	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power	Engine Running = True; 0.5 Amps
7** J5-Pin10	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power	Park Brake, Electric = On; 1 sec hold
8‡ J5-Pin11	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power	Transm. Range = Reverse; 0.5 Amps

\* Requires connecting J6-Pin4 to either 12V or Ground.

\*\* Outputs #4 and #7 reset and set the relay. Changing these will result in the relay not representing Park Brake.

† VSS = 2.2Hz/MPH can only be programmed on output #6 as a Ground output (no power option).

‡ CTO can only be programmed on output #8 as a Ground output (no power option).

## OPERATION MODE

Choose Ignition Status for each PIN:

<b>PIN 1</b> <input type="checkbox"/> Key ON (Default) <input type="checkbox"/> Key OFF	<b>PIN 5</b> <input type="checkbox"/> Key ON (Default) <input type="checkbox"/> Key OFF
<b>PIN 2</b> <input type="checkbox"/> Key ON (Default) <input type="checkbox"/> Key OFF	<b>PIN 6</b> <input type="checkbox"/> Key ON (Default) <input type="checkbox"/> Key OFF
<b>PIN 3</b> <input type="checkbox"/> Key ON (Default) <input type="checkbox"/> Key OFF	<b>PIN 7</b> <input type="checkbox"/> Key ON <input type="checkbox"/> Key OFF (Default)
<b>PIN 4</b> <input type="checkbox"/> Key ON <input type="checkbox"/> Key OFF (Default)	<b>PIN 8</b> <input type="checkbox"/> Key ON (Default) <input type="checkbox"/> Key OFF

## PID OPTIONS

The following is a partial list of output options available:

- Anti-Lock Brakes (ABS)
- A/C Clutch Engage (AC)
- Acceleration
- Battery Voltage (VBAT)
- Clean Tach Output (CTO)
- Daytime Running Lights (DRL)
- Door Lock/Unlock: Driver, All
- Door Open/Closed: Driver/Passenger (Front, Rear), Any
- Engine Coolant Temp (ECT)
- Engine Cranking Status
- Engine Running Status
- Engine Speed (RPM)
- Fuel Level (FL)
- Hazard Lights
- High Beams (HB)
- Ignition Status (IGN)
- Intake Air Temp (IAT)
- Low Beams (LB)
- Malfunction Indicator Lamp (MIL)
- Park Brake, Electric (ePB)
- Park Lamp (PL)
- Seatbelt: Driver, Passenger
- Service Brake (SB)
- Transmission Fluid Temp (TFT)
- Transmission Range (TR): P/R/N/D
- Throttle Position (TP)
- Turn Signals: Left, Right, Any
- Vehicle Speed (VSS)