

H-AIM506-B-G3R/GR: Upfitter Interface Module® + 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)*

H-AIM506-B-G3R/GR Order Spec Sheet (Product Configuration Form), Page 2

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 output:

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

Key OFF means while the vehicle CAN is active (including if the ignition is ON).

Key ON means only when the ignition is in RUN.

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)