

# AIM516: 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: *(In increments of 50 RPM)*

RPM Gas \_\_\_\_\_ 900-2200 RPM (Default 1500)

RPM Diesel \_\_\_\_\_ 900-1400 RPM (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.*

Park Brake Precondition:  Enabled  Disabled (Default) *Must apply Park brake to high idle with input.*

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)

# AIM516 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	_____ Park Brake = On; 0.5 Amps
4 J5-Pin4	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power	_____ Transm. Range = Reverse; 0.5 Amps
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	_____ Right Turn Signal = On; 0.5 Amps
8‡ J5-Pin11	<input type="checkbox"/> Ground (Default)	<input type="checkbox"/> Power	_____ Left Turn Signal = On; 0.5 Amps

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

† 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:

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

Key ON means only when the ignition is in RUN.

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

Battery means when the battery voltage is above 11.5 Volts.

Warning: Battery outputs will prevent the module from going to sleep when active.