

## UIM4: Upfitter Interface Module

**INTERMOTIVE**  
VEHICLE  
CONTROLS

An ISO 9001:2015 Registered Company

# Upfitter Interface Module® UIM4

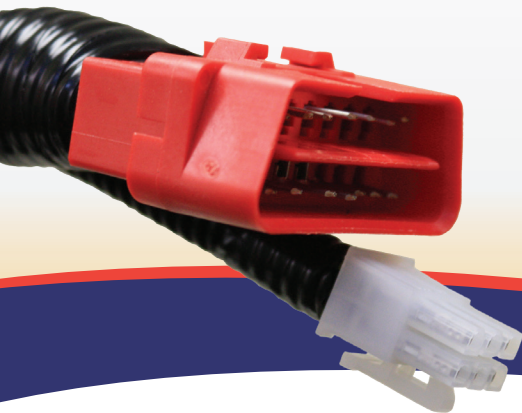
Programmable Relay Power Center

## Overview

- Passive CAN data acquisition
- Configurable inputs and outputs, which can be programmed as momentary, latching, time-hold, time-delay or flashing
- Outputs are controlled based on the module's configuration created using the InterMotive PRPC Download Manager program
- Simple plug and play connections for CAN data

## Features

- FLEXIBLE DESIGN: Saves time, cost and additional components; graphical user interface (GUI) makes programming output functions as easy as clicking a button
- CONTROL: Multiple inputs can control a single output
- Works with Ford and RAM CAN to provide real-time chassis data
- Warning LEDs offer easy troubleshooting
- Law enforcement application: Works with Ford Police Engine Idle feature to secure the gun lock release and trunk/hatch
- Includes Intermittent Fault Filter™ (IFF) technology to eliminate false readings



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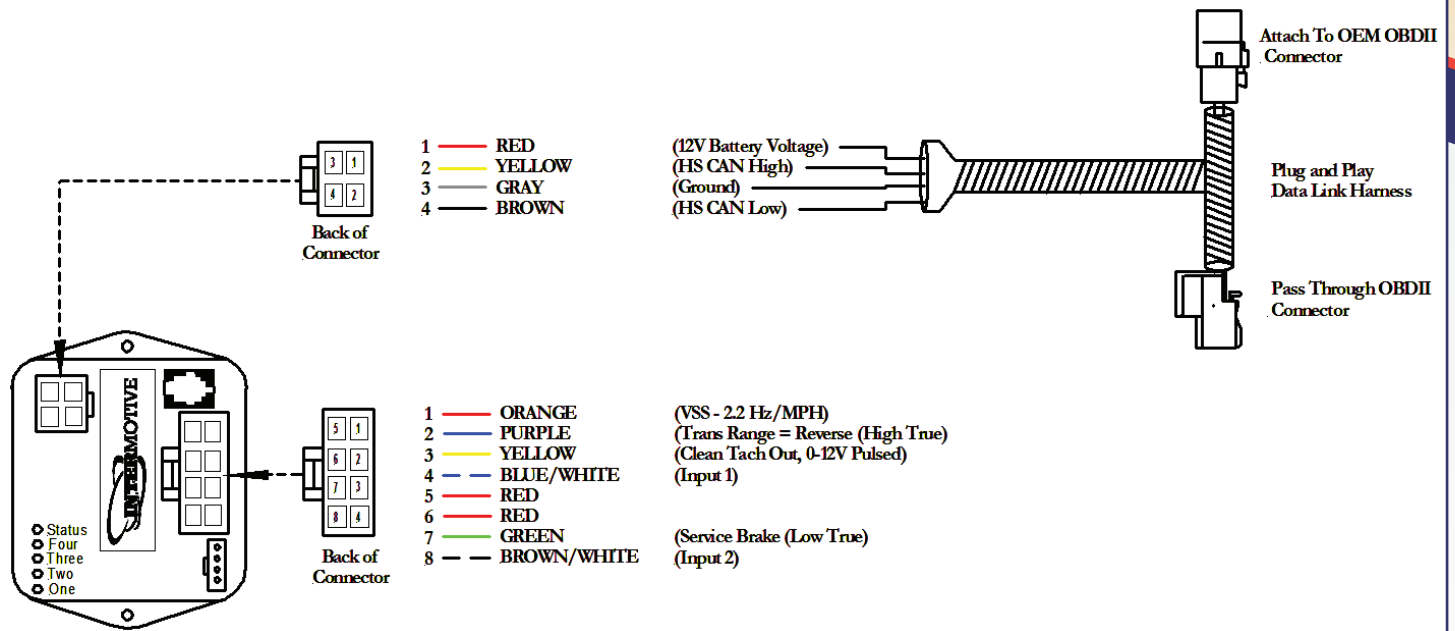
**LGS GROUP**  
AUTOMOTIVE TECHNOLOGIES

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# Details

Product features may vary by make, model or year. See instructions for complete details.

## EXAMPLE SCHEMATIC



## SPECIFICATIONS

Number of Inputs	Two active low inputs
Number of Outputs	Four outputs (two active high and two active high/low)
Current Draw	150 mA
Quiescent Draw	<2 mA (sleep current)
CAN Speed	High or medium speed
Temperature Range	-40°C to 80°C
Dimensions	3" L x 2" W x 1" H

## AVAILABLE DATA INCLUDES: (partial list)

- **Transmission:** Range | Fluid Temperature
- **Lights:** Turn Signals
- **Brakes:** ABS Event | Park Brake | Service Brakes
- **Other:** Vehicle Speed | Seatbelt
- **Engine/Fuel:** Clean Tach Output | Check Engine Light (MIL)\* | Coolant and Oil Temp.† | RPM | Engine Running | Ignition Switch Status | Fuel Level | Intake Air Temp. | Throttle Position | Vbat | VSS (2.2 Hz/mph)

\* Check Engine Light output only works with Ford vehicles

† Oil Temperature only works with Ford vehicles