

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; user interface makes programming output functions as easy as clicking a button
- CONTROL: Multiple inputs can control a single output
- CONVENIENCE: Works with Ford and RAM CAN to provide real-time chassis data
- Warning LEDs for easy troubleshooting
- Police application works with Ford Police Engine Idle application to secure the gun lock release and trunk/hatch

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

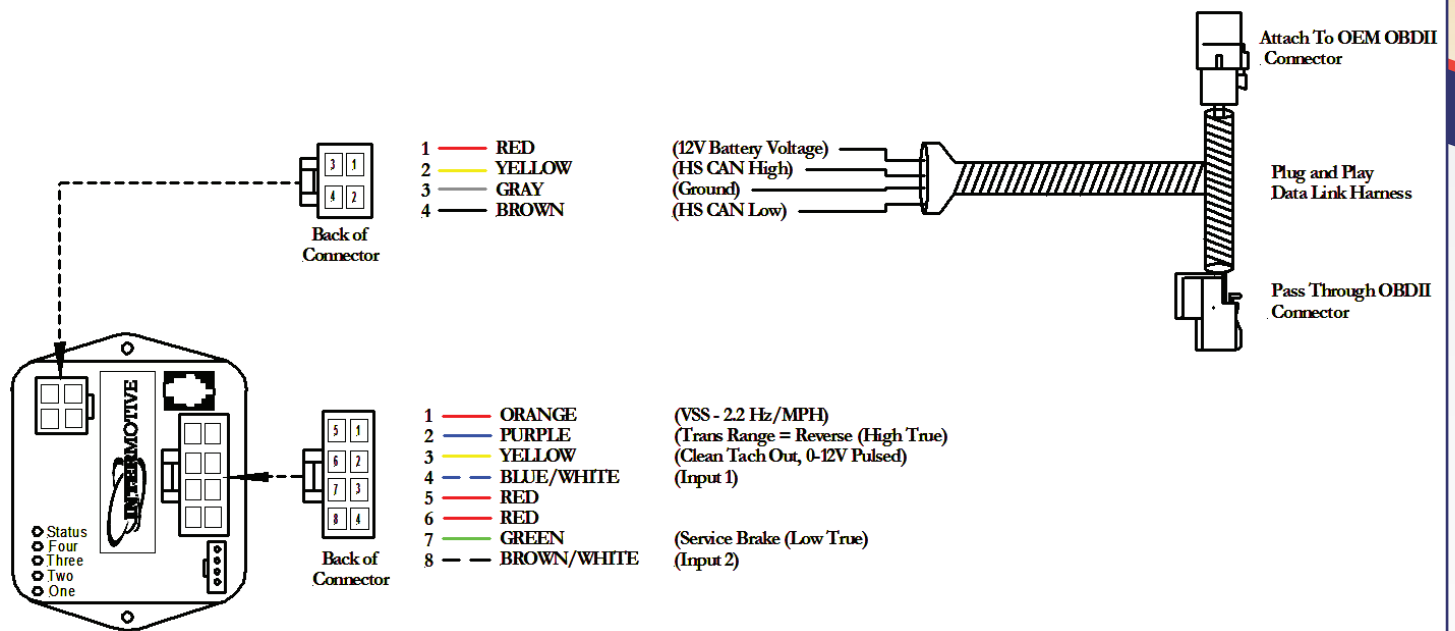
Proudly distributed by

LGS GROUP
AUTOMOTIVE TECHNOLOGIES

(775) 831-2002

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