

# J1939 Interface Module

SAE J1939/CAN channel  
at 250 kbits/sec



## OVERVIEW

The MobileView® J1939 Interface Module is a high-performance, low latency SAE J1939 to RS232 gateway converter capable of exchanging data at 250 kbits/sec. The converter allows compatible recorders to listen, respond and share information between systems over the J1939 vehicle network.

Through a specialized application interface, the J1939 Interface Module manages communications between the recorder and the vehicle systems. The interface is customizable and enables the two-way exchange of command/response queries relating to device status, and other important data.

## STANDARD FEATURES

- SAE J1939 to RS232 gateway
- SAE J1939/CAN channel at 250 kbits/sec
- RS232 at 115,200 baud
- Internal message buffering
- 100 message filters or pass-all mode
- Collision detection, with automatic retries
- Rugged cast aluminum enclosure

### SAE J1939 Capabilities

- Full on-chip SAE J1939 protocol support
- Full support of the SAE J1939/21 transport protocol
- Full support of the SAE J1939/81 network management (address claiming)

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## Specifications

### Physical

Serial Connection	P3 Connector (DB-9 Female on Converter) RS-232
Pin 1	Tx
Pin 2	Rx
Pin 4	Gnd
Vehicle Connection	P2 Molex Connector (DB-15 Female on Converter) CAN Bus
Pin 1	CAN "H" (High)
Pin 2	CAN "S" (Shield)
Pin 4	CAN "L" (Low)

### Electrical

Input Power	8-35VDC
Power Consumption	.05W max.
Interface	2-Position Molex Plug Housing (P1)
Pin 1	Power
Pin 2	Gnd
Protections	All communications lines feature 8kV or higher IEC ESD protection

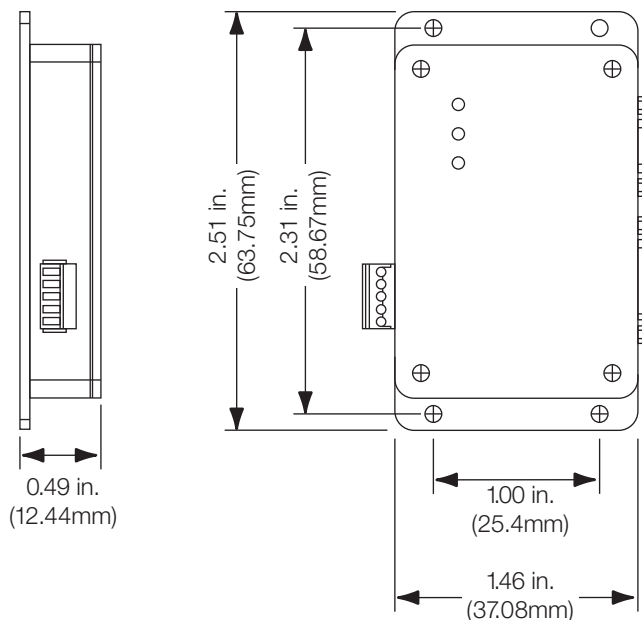
### Functional

CAN	250kbps
RS-232	115kbps

### Environmental

Dimensions (WxD)	1.46 x 2.51 in. (37.08 x 63.75mm)
IP Rating	IP53
Temperature Rating	-40°C to +85°C

## Dimensional Diagrams



## Ordering Information

<b>MSS-1939-00-06-KT</b>	J1939 Model 6 Converter Kit (Includes Harnessing and Connectors)
<b>MSS-1939-00-06</b>	J1939 Model 6 Converter (No Harness or Connectors)
<b>MSS-1939-HC-06</b>	J1939 Model 6 Harness and Connector Set



[interlogix.com/mobileview](http://interlogix.com/mobileview)

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