

# Data Gateway

April 2011 v4

## Translated Parameter List

### Translated MEFI4A Parameters

Engine Speed  
Engine Coolant Temperature (transmitted as Engine Temp)  
Battery Potential (transmitted as Alternator Voltage)  
Engine Oil Pressure  
Engine Oil Temperature  
(taken from J2-26, Fuel Temperature input on MEFI4)  
Barometric Pressure (taken from MAP at 0 RPM)  
Boost Pressure (taken from MAP)  
Air Temperature (taken from MEFI4 MAT)  
Vessel Speed (transmitted as Speed, Water Referenced)  
Engine Fuel Rate  
Engine Hour Meter  
Fuel Pressure  
Engine Discrete Status flags:  
    Check Engine  
    Rev Limit Exceeded  
    Low Oil Pressure  
    Low System Voltage  
    Low Oil Level  
    General Warning 1  
    General Warning 2  
    Low Fuel Pressure  
    Emergency Stop Mode  
    Engine Over Temp

### Translated MoTeC Parameters

Engine Speed  
Boost/Manifold Pressure  
Ambient Air Temperature  
Engine Water Temperature  
Fuel Pressure  
Engine Oil Temperature  
Engine Oil Pressure  
Battery/Alternator Voltage  
Water/Ground Speed  
Fuel Used Rate

### Translated MEFI4B Parameters

Engine Speed  
Engine Coolant Temperature (transmitted as Engine Temp)  
Battery Potential (transmitted as Alternator Voltage)  
Engine Oil Pressure  
Engine Oil Temperature  
(taken from J2-26, Fuel Temperature input on MEFI4)  
Barometric Pressure (taken from MAP at 0 RPM)  
Boost Pressure (taken from MAP)  
Air Temperature (taken from MEFI4 MAT)  
Vessel Speed (transmitted as Speed, Water Referenced)  
Engine Fuel Rate  
Engine Hour Meter  
Fuel Pressure  
Engine Discrete Status flags:  
    Check Engine  
    Rev Limit Exceeded

### Translated J1939 Parameters

EEC1 – Electronic Engine Controller 1  
    Engine Speed  
EFL/P 1 – Engine Fluid Level / Pressure 1  
    Fuel Pressure  
    Engine Oil Pressure

### Optional MEFI5/6 and J1939 Parameters (available upon request)

Boost/Manifold Pressure  
Engine Oil Temperature  
Engine Coolant Temperature  
Engine Coolant Pressure  
Alternator Voltage  
Engine Fuel Rate  
Engine Hours  
Engine Percent Load (Throttle Position)  
Engine Percent Torque



	Part Number
gateway	MEFI4G
rigging kit	MEFI4RK



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Garmin GPSMAP® 5208 with Race Series Gauges

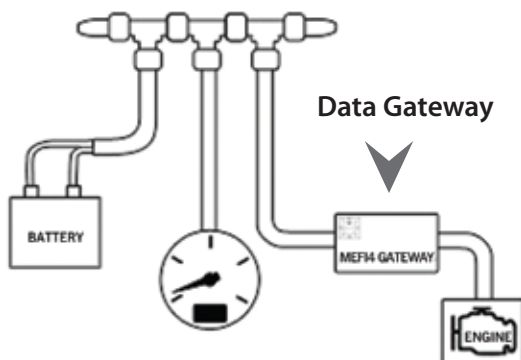
Livorsi's Data Gateway brings CAN bus engine data to a NMEA 2000® nav unit.

Available for J1939, MEFI4A, MEFI4B, MEFI5, MEFI6 and the MoTeC M800 ECM.

The Data Gateway pulls the same data that your engine builder or tuner can pull up on their laptops using advanced software.

The gateway simply plugs into your nav unit between the display and the GPS antenna using a standard NMEA 2000® T connector. On the engine side it will interface either by the CAN+ / CAN- wires or by using the diagnostic port on your engine.

## Single Engine Configuration



- Turns your Navigation screen into a digital dash
- Displays fault codes and other engine data in real-time
- Easy to install on any CAN bus set up
  
- Boating Applications
- Off Road Applications
- Trucks, SUV's
- Racing/ Performance Vehicles
- Hot Rods