



CAN Gateway

The CAN Gateway is a rail approved CAN/Modbus converter which can be used with the Grinsty Rail Remote Monitoring Device (RMD), or with any protocol compatible hardware, as an interface to allow the collection of data from a CANopen or J1939 bus. Its small size makes it perfect for rolling stock upgrade and retrofits.

With the advancement of Remote Condition Monitoring, the CAN Gateway provides a powerful asset to allow the collection of data from existing hardware on rolling stock such as engine systems or Auxiliary Power Units (APU), thus giving remote access to information such as oil temperature, oil pressure, coolant level and fuel level to name just a few from an extensive list.

By using a suite of solutions from Grinsty Rail, data collection can be reliable, cost-effective and straightforward.

Reducing maintenance costs, improving service uptime, and managing assets are just a few of the benefits from the overall solution.

Features

- Available in J1959 and CANopen
- Compatible with the DR2000 RMD
- Self-diagnostics reboot functionality
- End of line termination option
- Zero maintenance
- Simple to integrate
- IP54
- EN50155

SPECIFICATION

Power Supply	24Vdc, 72Vdc, 110Vdc
Power Consumption	Typically 3W
CAN Port	CANbus 9-way male D-Sub, max. 1Mbs, max. 30-metre cable
Modbus Port	RS485 9-way male D-Sub, 115200 baud, max. 6-metre cable
Control Port	RS232 9-way female D-Sub, 115200 baud, max. 6-metre cable
Protocols	CANOpen, J1939 (others available on request)
Options	End of line termination
Ingress Protection	IP 54
Temperature Range	-25°C to +70°C (EN 50155 OT3)
Standards	EN 50155:2017 / EN 50121-3-2:2016 / EN 45545-2:2013 + A1:2015, Hazard Level HL3
Typical Weight	1.3Kg
Typical Dimensions (W x H x D)	201mm x 65mm 259mm



**Grinsty Rail Ltd
Electronics Division**

Arrow Business Park
Shawbank Road
Lakeside, Redditch
Worcestershire
B98 8YN
United Kingdom
+44 (0)1527 514 151
www.grinstyrail.co.uk



Specification subject to change
without prior notification.