AiM InfoTech

Nissan
GT-R_GT3 from 2019

Release 1.00

ECU

1
Models and years

This document explains how to connect AiM devices to the vehicle Engine Control Unit (ECU) data stream.
Supported models and years are:

- Nissan GT-R GT3 from 2019

2
ECU CAN connection

These models feature a "FIA Logger" CAN bus accessible through a DTM06-6S connector, located close to the middle tunnel on the passenger side.
It is strongly recommended to refer to a skilled technician to perform this kind of installation. For this installation refer to the following pinout of the "FIA Logger" connector and connection table:

"FIA Logger" connector pin	Function	Color Cable	AiM Cable
1	Ground	Black	GND
4	V Battery	Red	9-15V
5	CAN+	White	CAN+
6	CAN-	Blue	CAN-

3
Race Studio configuration

Before connecting the AiM device to the ECU, set all functions using AiM software Race Studio. The parameters to set in the device configuration are:

- ECU manufacturer: **Nissan**
- ECU Model: **GT-R_GT3_048_SMC** (RS3 only)

4
”Nissan-GT-3_GT3_048_SMC”protocol

Channels received by AiM devices configured with "Nissan – GT-R_GT3_048_SMC” protocol are:

CHANNEL NAME	FUNCTION
Team RPM	Engine RPM
Team Gear	Gear Position
Team WspFL	Wheel speed front left
Team WspFR	Wheel speed front right
Team WspRL	Wheel speed rear left
Team WspRR	Wheel speed rear right
Team Twater	Water temperature
Team Pbrake F	Brake Pressure
Team Steering	Steering Position
Team AnaPedal	Throttle position
Team FuelCons	Fuel Consumption
Team Lambda L	Lambda

Technical note: not all data channels outlined in the ECU template are validated for each manufacturer’s model or variant; some of the outlined channels are model and year specific, and therefore may not be applicable.