

Techmor IM-1 CAN Message Specifications

CAN Bit Rate: 1Mbit/s

Message Types: 16-bit Signed Integers (S16)

<u>Message ID</u>	<u>Bits</u>	<u>Bits</u>	<u>Bits</u>	<u>Bits</u>
0x301 (hex), 769 (dec)	0-15	16-31	32-47	48-63
	XGyro	YGyro	ZGyro	not used

<u>Message ID</u>	<u>Bits</u>	<u>Bits</u>	<u>Bits</u>	<u>Bits</u>
0x302 (hex), 770 (dec)	0-15	16-31	32-47	48-63
	XAccel	YAccel	ZAccel	not used

Message Gains:

Gyro Angular Rates = counts * 0.01250 deg/s/count

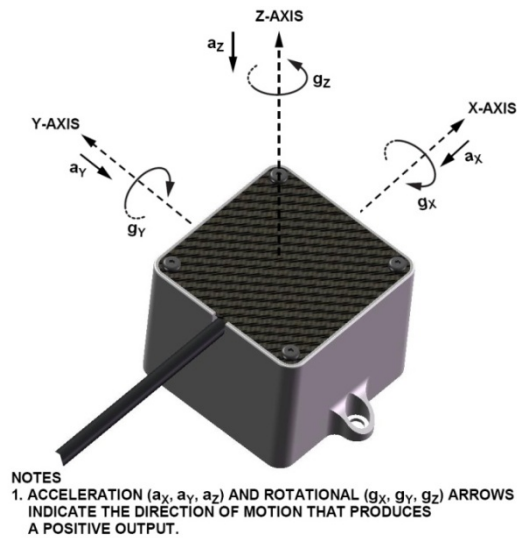
18g versions

Accelerometers = counts * 0.0008325 g/count

1.7g versions

Accelerometers = counts * 0.00008325 g/count

Axis Orientation:



Wiring:

Pin 1	Red	12V unregulated
Pin 2	Blue	CAN High
Pin 4	White	CAN Low
Pin 5	Black	GND

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