

# WHEEL TELEMETRY (Multi-channel) (type K / strain gages sensors)



The ATCOM TELEMETRY System product was developed especially for the non-contact transmission of measurement data On moving objects in mechanical engineering.

## System Specifications (2, 4 or 6,12,24 channels thermocouple type K/strain gages sensors ) :

<b>Sensor</b>	<b>Strain gage or thermocouple type K</b>
<b>Temperature measurement range</b>	<b>-40°C to +1200°C</b>
<b>Temperature resolution</b>	<b>1°C</b>
<b>Temperature accuracy in normal temperature range</b>	<b>±1°C</b>
<b>Housing</b>	<b>water resistant (IP65)</b>
<b>Static acceleration</b>	<b>400g</b>
<b>mode transmission interval</b>	<b>300 mS (Configurable)</b>
<b>Bandwith</b>	<b>4000 samples/s/channel</b>
<b>Antenna configuration</b>	<b>1 to 4 antennas dependant</b>
<b>Weight</b>	<b>675 gr (version 24 channel)</b>
<b>Operational temperature</b>	<b>-40°C to +85°C (optional +125°C )</b>
<b>Analogue outputs - ECU to logger</b>	<b>24 x 0 to 5V temperature signals</b>
<b>Ful Scale Output</b>	<b>-5/+5V or 0-10V or 0-5V</b>
<b>9 – 18 Volt supply range</b>	
<b>Transmission RF</b>	<b>digital PCM – FSK</b>
<b>Transmission power</b>	<b>5 mW</b>
<b>Line-of-sight distance</b>	<b>10 M</b>