Wireless Sensor

Accelerometer
**T-Sens Accelerometer**

**Description**
Wireless Module for measuring the acceleration of an object or person. Measurements consist of linear acceleration on 3 axis (X,Y,Z). Compatible for operations with T-Log Datalogger or T-REC module.

**Fields of use**
- Ergonomics
- Prevention
- Research
- Workplace analysis
- Sport
- and more...

**Sensor specifications**
- Number of channels: 3 (X, Y, Z)
- Calibration: N/A
- Unit: g
- Frequency: 128Hz channel
- Resolution: 3 mg
- Measuring range: +/- 6g / +/- 0.2 oz
- Linearity: 120mg / 0.004 oz
- Offset max (X, Y): +/- 30mg / +/- 0.001 oz
- Offset max (Z): +/- 20mg

**Electrical specifications**
- Power supply: Li-Ion Battery 190mAh
- Autonomy: 8hrs
- Recharging time: 3hrs

**Mechanical specifications**
- Dimensions: 52mm x 25mm x 14mm
- Weight: 20g

**Operating conditions**
- Temperature: 0°C to 40°C
- Humidity: < 60%

**Applications**
- Movement analysis
- Vibration
- Dynamic analysis

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