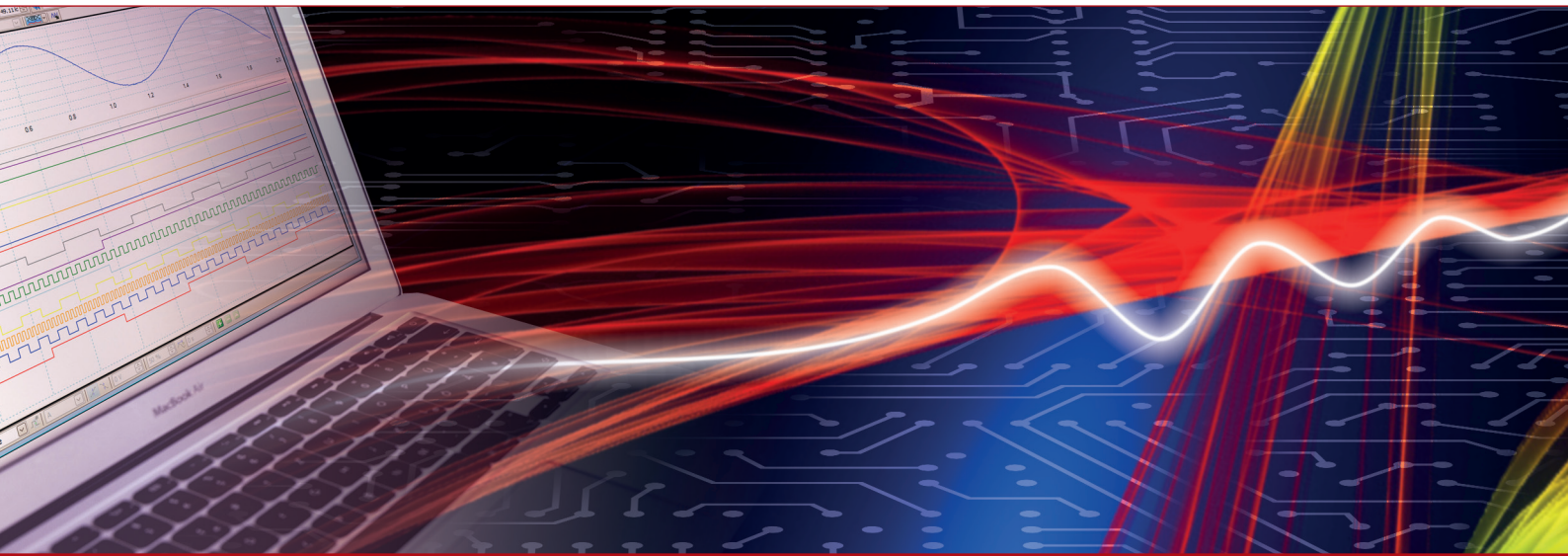


Product Datasheet - Technical Specifications



More information in our Web-Shop at ► www.meilhaus.com and in our download section.

Your contact

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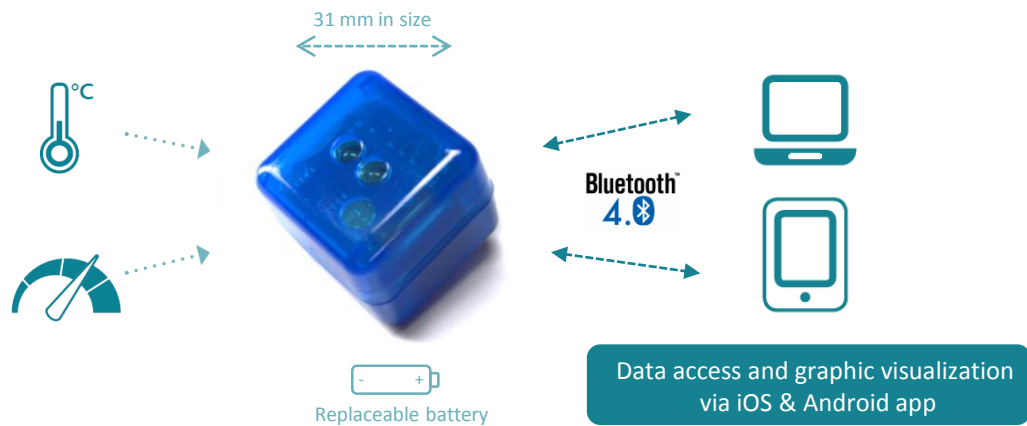
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blueDAN^{axel°_4.0}

Battery - Bluetooth - Low Energy - Data Logger - Sensor

Ultra small Bluetooth 4.0 Temperature & Shock/Acceleration Logger



Application areas

- Logging of temperature, shock & acceleration
- Quality monitoring for transport/logistics
- Industry, environmental technology & science

Key Benefits

- Works everywhere without line voltage
- Easy data access via Bluetooth 4.0 LE
- Setup via iOS & Android app
- Approx. 6 months battery life
- Over 10 years data preservation without battery
- No operating costs
- Small and sturdy design

Optional

- Bluetooth 4.0 WiFi-Bridge for data transmission to the internet (IoT)
- Client-specific implementations and IP protection classes

Technical Specifications

- Temperature
Range / accuracy / resolution: -25...+75°C / $\pm 0.5^{\circ}\text{C}$ / 0.1°C
- Acceleration (xyz-resultant)
Range / accuracy / resolution: 27 g (G-force) / ± 0.25 g / 0.1 g
- Replaceable battery (lithium $\frac{1}{2}$ AA 3.6V / 1Ah)
- Approx. 6 months battery life
- Measuring interval: 25 Hz
- Programmable storing interval 1s...24 hours
- Adjustable data recording thresholds
- Adjustable start delay 1s...6 months
- Saves up to 32,000 measured values
- Data transfer via Bluetooth 4.0 low energy (max distance: 10 meters)
- Graphic visualization of the data via smartphone app
- Online data visualization
- Excel compatible data format (CSV)
- Dimensions / weight: 31 x 31 x 31 mm / approx. 26 g
- Protection class: IP54 (IP65 optional)

Subject to change