

## Product Datasheet - Technical Specifications



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# amlog

Real-time Transport Monitoring System with automatic Email Alerts



## Application areas

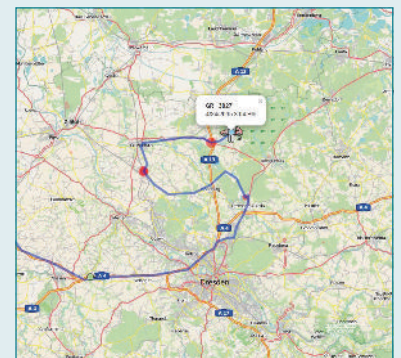
- Logging of temperature, humidity, shock, light & position
- Transportation monitoring & locating
- Proof of GDP-conform distribution
- Supply chain security

## Key benefits

- Real-time GSM/GPRS data transfer
- Online data access via ESYS LiveCloud & app
- Individually adjustable email alarms
- JSON/XML interface for integration in client systems
- Battery life up to 7 days
- Compact and sturdy design

## Optional

- Integrated GPS-module
- Data transfer via WLAN/WiFi or Bluetooth 4.0
- Client-specific casing & OEM variants



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TECHNICAL SPECIFICATIONS	
Sensors	Temperature, Humidity, Light, Shock
Temperature range	0 ... +50 °C
Measurement range	Temperature: 0 ... +50 °C Rel. Humidity: 20 ... 80% Shock: ± 25g (quadratisches Mittel xyz-Achse) Light: On/Off
Accuracy	Temperature: ± 0.5 °C Rel. Humidity: ± 3% Shock: ± 1%
Resolution	Temperature: 0.1 °C Rel. Humidity: 0.1 % Shock: 0.1 g
Time accuracy	Synchronisation with web server (minimum every 24 hours)
Measuring interval	Adjustable (1min ... 24h)
Dimensions/ weight	120 x 80 x 20 mm (length/width/height) / 160 g
Data points	Ca. 100,000
Alarm configuration	Programmable for temperature, humidity, shock& battery status
Light alarm	Adjustable for light/dark and dark/light changes
Alarm message	Instantly in the moment of an event
Casing/ Protectionclass	ABS, self-extinguishing conforming to UL 94 V0 / IP40
Battery	Lithium-Polymer battery with 1800 mAh, certified to UN 38.3

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