

amlog Battery - Temperature - Humidity - Shock - Light - Position - Sensor/Logger

Real-time Transport Monitoring System with automatic E-mail 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

Technical Specifications

Sensors	Temperature, Humidity, Light, Shock
Temperature range	0...50 °C
Measurement range	Temperature: 0...50°C Rel. Humidity: 20...80% Shock: ± 25g (quadratic mean xyz-axis) Light: On/Off
Accuracy	Temperature: ± 0.5°C Rel. Humidity: ± 3% Shock: ± 1%
Resolution	Temperature: 0.1°C Rel. Humidity: 0.1 % Shock: 0.1g
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 / Protection class	ABS, self-extinguishing conforming to UL 94 V0 / IP40
Battery	Lithium-Polymer battery with 1800 mAh, certified to UN38.3

Subject to change

About ESYS

ESYS is a Germany based manufacturer of state-of-the-art sensor technology, data recorders and fleet management solutions. With over 20 years of expertise in their field ESYS successfully implements standard products and client-specific hard and software development projects.

We develop and manufacture your product, contact us!

- ✓ Individually according to your specifications
- ✓ As a prototype or small batch series
- ✓ Optional with your custom-built software or app
- ✓ With over 20 years experience in hard and software development

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