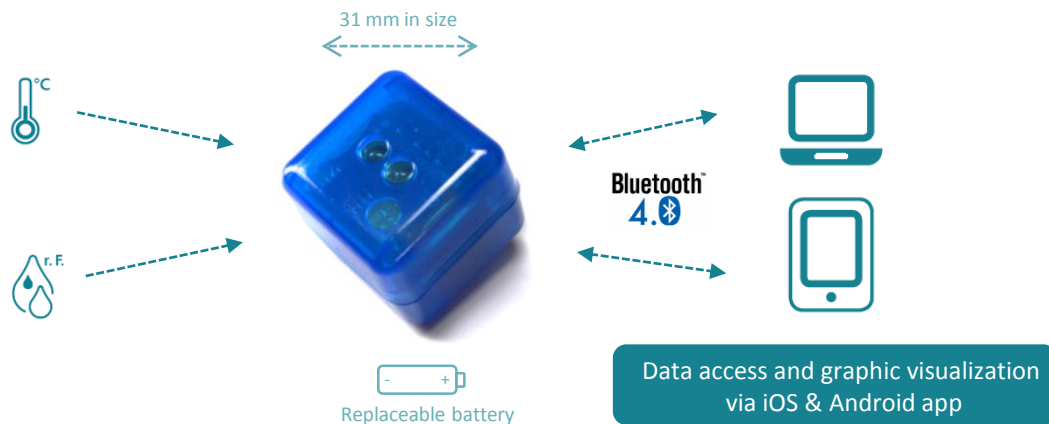


# blueDAN <sup>clima\_4.0</sup>

Battery - Bluetooth - Low Energy - Data Logger - Sensor

## Ultra small Bluetooth 4.0 Temperature & Humidity Data Logger



### Application areas

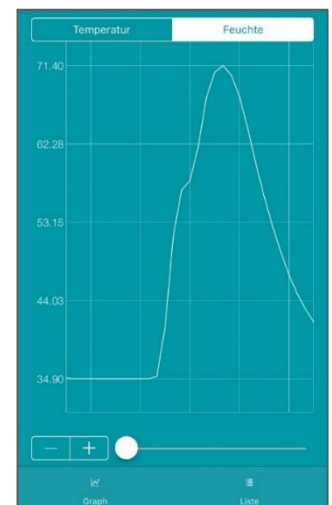
- Logging of temperature & rel. humidity
- Cold chain monitoring
- Quality assessment for transport/logistics
- Monitoring of buildings, rooms & storehouses
- Industry, environmental technology & science

### 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



blueDAN smartphone app

**Technical Specifications**

- Temperature  
Range / accuracy / resolution: -25...+75°C /  $\pm 0.5^\circ\text{C}$  / 0.1°C
- Humidity  
Range / accuracy / resolution: 2...99% r. H. /  $\pm 2\%$  / 0.1%
- Replaceable battery (lithium ½ AA 3.6V / 1Ah)
- Approx. 6 months battery life
- Adjustable data recording thresholds
- Adjustable start delay 1s...6 months
- Programmable measuring interval 1s...24 hours
- 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

**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 series
- ✓ Optional with your custom-built software or app
- ✓ With over 20 years experience in hard and software development

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