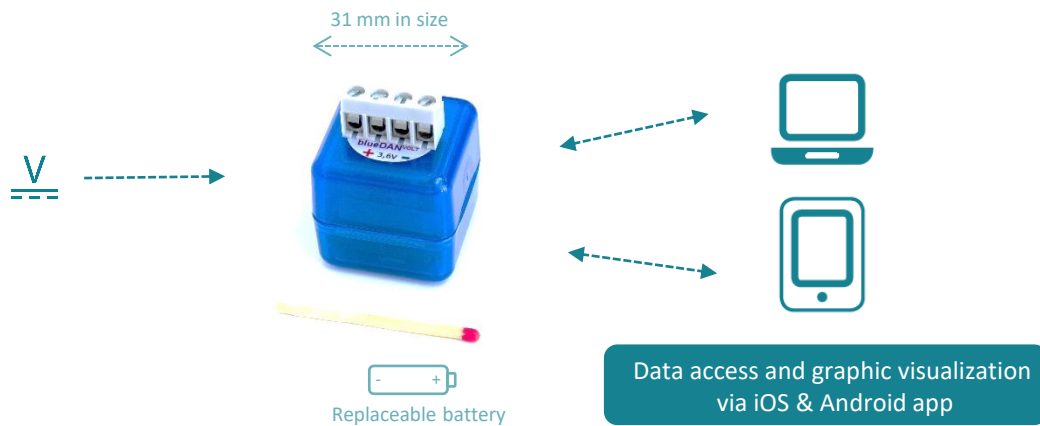


blueDAN^{volt_4.0}

Ultra small wireless DC Voltage Data Logger



Application areas

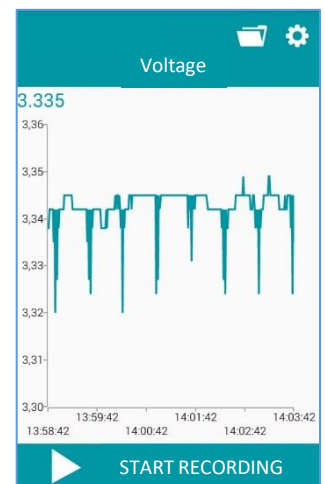
- Long-term recording of DC voltages in industry, environmental technology & science
- For different types of sensors (e.g. for distance, fill level, rain or pH-value)

Key Benefits

- Works everywhere without line voltage
- Easy data access via Radio (Low Energy)
- 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

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



blueDAN App

Technical Specifications

- Range / accuracy / resolution: 0...2.5V / $\pm 20\text{mV}$ / 3,5mV (10 bit)
- Max. source resistance: < 10 k Ω
- Operating temperature: -25...+75°C
- Input: 4-pin terminal
- 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 Radio (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
- Rating: IP54

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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