# ClimateLog24 Multi-Use Temperature Data Logger with Display & cloud configuration (-30°C to +70°C)

## Product images

# ClimateLog24 reusable data logger for Temperature and humidity monitoring Online configuration, LCD display & seamless documentation

The ClimateLog24 is a reusable, individually configurable temperature and humidity logger with a large LCD display and modern online configuration. The device is ideal for seamless monitoring and documentation during the transport and storage of food, fresh produce, and pharmaceutical products.

**Online configuration of your measurement data logger:**

**ClimateLog24 Config Tool** ÿ

No download, no installation, start immediately!

## Product description: ClimateLog24 Temperature data logger for transport & storage

The ClimateLog24 logger is ideal for monitoring and recording temperature and humidity in fruit, vegetables, meat and other fresh produce during storage and transport.

It is used in all areas of the cold chain, from refrigerated containers to refrigerated trucks and cold storage facilities. Online configuration via the ClimateLog24 Config Tool makes operation particularly simple and flexible.

## Fast commissioning & configuration of the Measurement data logger

### Step-by-step instructions for using the data logger

1. **Connect the logger:** Connect the ClimateLog24 data logger to your computer via USB.
2. **Start Config Tool:** Open the ClimateLog24 Config Tool and choose your preferred Language.
3. **Select device & profile:** Select the appropriate logger model and assign a individual profile name.
4. **Set measurement parameters:**

   - Temperature and humidity units: Celsius (°C), Fahrenheit (°F), relative humidity (%)
   - Measurement interval: 1 minute to 24 hours (default: 5 minutes)
   - Start mode: Manual or automatic Start delay: Optional,
   - e.g., 10 minutes

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- ○ Alarm limits: Up to 3 upper and 3 lower limits
- ○ Alarm delay: Define after which time period an alarm should be triggered
- ○ PDF report: Customize title, temperature zone, and language
5. **Transfer configuration:** Enter security code, download configuration file and click copy the data logger drive.
6. **Start recording:** Press start button for about 3 seconds or automatic start countdown wait.

**In just a few steps, your ClimateLog24 logger is ready for secure, seamless monitoring and tamper-proof documentation during transport and storage.**

- No software installation required, everything directly in the browser.
- Ideal for anyone who wants to document measurement data easily, quickly and reliably.

# Typical applications for the ClimateLog24 Recording data logger

- Food transport (fruit, vegetables, meat, fresh produce)
- Pharmaceutical and medical technology storage
- Cold chain monitoring in logistics and warehouses
- Reusable and disposable applications

# Important features & advantages of the ClimateLog24 measuring device

- **LCD display:** Real-time display of temperature and humidity, ultra-wide viewing angle **Flexible**
- **parameter setting:** Online configuration, adaptable to different transport goods, replaceable battery **Tamper-proof reports:** PDF/CSV
- output via USB, no software required **Large memory:** Up to 33,000 measurement points
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# Technical data of the ClimateLog24 Temperature loggers

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| **Measuring range** | -30 °C to +70 °C (internal NTC sensor) |
| **Measurement accuracy** | ±0.5°C/0.9°F (@-10~40°C), ±0.8°C (@-30~-10°C & 40~70°C) |
| **resolution** | 0.1 °C |
| **sensor** | High-precision NTC sensor |
| **Storage capacity** | 33,000 measuring points |
| **Recording interval** | 1 min 24 h (default: 5 min) |
| **Start delay** | 0 min 24 h (default: 10 min) |
| **Start mode** | Manual or automatic |

| | |
|---|---|
| **Alarm limits** | Up to 6 alarm points (high/low) |
| **LED display** | Green (Normal), Red (Alarm) |
| **Display** | Ultra-wide-angle LCD |
| **Report output** | USB2.0, PDF/CSV, tamper-proof |
| **configuration** | Online via the ClimateLog24 Config Tool, no Software required |
| **battery** | 3.0 V CR2450, up to 180 days, replaceable |
| **Protection class** | IP65 (dust and splash-proof) |
| **Product size** | 102.5 × 40 × 13.5 mm |
| **Weight** | 35.6 g |
| **Certificates** | CE, EN12830:2018, RoHS, factory 3-point calibration |

# Important information & certificates for the ClimateLog24 logger

- Complete configuration online, no software or drivers required.
- Intuitive operation, quick adjustment of parameters.
- Tamper-proof, encrypted PDF/CSV reports can be read immediately.
- Reports comprehensively document the temperature and humidity values of the entire trip.
- Big data analysis: Suitable monitoring parameters for different transport goods selectable (e.g. -18 °C for frozen food, +2 to 8 °C for dairy products, +10 °C for ready meals).
- CE, RoHS and EN12830:2018 certified, factory calibrated.

Reusable temperature data logger | Humidity data logger | Online configuration measurement data logger | Logger for Food transport | LCD display logger | Cold chain monitoring | Temperature recording | Climate monitoring | Logistics