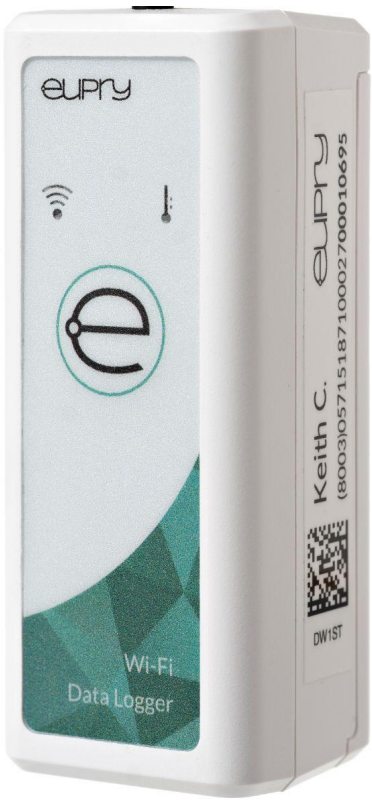
Data Sheet

Rev.0.5 - 01-NOV-2023

Eupry Wi-Fi Data Logger

DW1ST / DW1STM / DW2ST



Simple Installation
Install multiple Data Loggers at once using our app, the process takes a few minutes.

Secure Data
All data transferred is secured using a unique Advanced Encryption Standard (AES128) key.

2 Year Battery Life
Under normal usage conditions, our batteries last for up to 2 years.

Common Applications

- Refrigerators
- Freezers
- Incubators
- Storage Rooms
- Mapping/Qualification Exercises

Technical Specifications

Temperature Operating Range	-30°C to +50°C (-22°F to 122°F)
Temperature Accuracy	±0.5°C (±0.9°F) [before calibration]
Temperature Resolution	0.01°C (0.018°F)
Temperature Drift/Year	±0.01°C (±0.018°F)
Power	2 x AA (Lithium batteries recommended)
Battery Lifetime	Up to 2 years (usage dependent)*
Measurement Frequency	Configurable: 30 sec. to 15 min. Dependent on software package
Memory	10,000 Measurements
Data Connection	WiFi 2.4GHz 802.11 b/g/n - End-to-End Encrypted
Certifications	CE, RoHS, FCC
Identification	Unique GS1 GRAI Code
Display	WiFi Status & Temperature Status
Dimensions	91.5mm x 37mm x 33mm
Unit Weight (w/ Batteries)	83g
Casing	ABS Polymer
Interface	External Sensor (2,5mm - 4P)

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Data Sheet

Rev.0.2 - 09-OCT-2023

External Temperature Sensor

P1T

Simple Installation
Plug & Play installation process with a digital sensor.
Up running in seconds.

Automated Calibration[1]
Eupry automatically sends you new, calibrated plugs when you need them. No need to send a request.

Calibration Certificates
Calibration certificates directly within our user-friendly online monitoring system.

Common Applications

- Refrigerators
- Freezers
- Incubators
- Storage Rooms
- Mapping/Qualification Exercises

Technical Specifications

Temperature Operating Range	-50°C to +50°C (-58°F to 122°F)
Temperature Resolution	0.01°C (0.018°F)
Temperature Accuracy	Dependent on Calibration
Typical Temperature Accuracy	±0.1°C (0.018°F) [@ –20°C to +50°C]
	±0.3°C (0.54°F) [@ –50°C to +50°C]
Temperature Repeatability (Precision)	±0.01°C (0.018°F)
Temperature Drift/Year	±0.03°C (0.054°F)
Thermal Response Time (τ)	60s
Sensor Type	Digital / Silicon bandgap sensor
Diameter	11mm
Length (Installed)	22mm
Length (Total)	33mm

1: Requires a calibration service agreement with Eupry

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Premium Software

No unexpected cost

Solution for GDP & GLP

Product Specifications

ISW5

Hardware Guarantee All hardware will be replaced free of charge in case of malfunction	✓
Alarms Get alerts and protect your assets around the clock	**Email & SMS** [1] Call Add-on available
Encrypted Data Storage & Backup Our cloud-based system automatically stores and backs up your data	**5 Years**
Users Assign multiple users with different permission levels	**Unlimited**
Locations Set up multiple locations for a complete overview of your assets	**Unlimited**
Battery Replacement [2] Fresh batteries sent to you together with new calibrations	✓
Access Calibration Certificates Download and print calibration certificates straight from our platform	✓
Deviation Handling & Messaging Tailor made messaging system designed to handle deviations effectively	✓
Print Custom PDF Reports Tailor made messaging system designed to handle deviations effectively	✓
Export Raw Data (CSV) Export raw data in CSV format	✓
Access Anywhere Accessible on phones, tablets and computers with a data connection	✓
Designed for PCs, Tablets & Phones Responsive, user-friendly interface that works great across all devices	✓
Logging Interval How often data is recorded	**Configurable** Standard: 3 min.
Upload Frequency How often data is uploaded	**Configurable** Dynamic, Smart Upload & Fixed
Dashboards for alarms and deviation management Responsive and personally configured dashboard for effective operations	Add-On

1: SMS alarms are only available in specific countries, up to 700 SMS per year per datalogger.
2: Battery replacement follows the interval of the calibration. You have to handle battery replacement in the period in between the calibrations if needed.

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