

Data Sheet

Rev.0.7 - 06-JUL-2026

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
Measurement Frequency	Configurable: 30 sec. to 15 min. Dependent on software package
Memory	10,000 Measurements
Data Connection	WiFi 2.4 GHz 802.11 b/g/n - End-to-End Encrypted
Certifications	CE, RoHS, FCC
Identification	Unique GS1 GRAI Code
Display	WiFi Status & Temperature Status
Dimensions	91.5 mm x 37 mm x 33 mm
Unit Weight (w/ Batteries)	83 g
Casing	ABS Polymer
Interface	External Sensor (2,5 mm - 4P)