eupry

ISO17025 Probe Temperature Monitoring (M)
Product Sheet

Wireless Thermometer

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The Service You Receive:

Unique Flat-Cabled Probe
Cable can pass uninterrupted inside fridges & freezers, protecting door seals.

Hardware Guarantee
Secure, high uptime and no hidden operating costs.

ISO17025 Acreddited 3-Point Temperature Calibration Every 12 Months
Calibration laboratory is acreddited to ISO17025 standards.

Free Yearly Battery Replacement
Fresh batteries are automatically replaced every 12 months.

Simple Installation
Wireless monitoring saves heavy additional cost for cabling & provides a carefree solution.

Secure Data
Our methods adhere to ISO 27001 & Eudralex Vol. 4 Annex 11 Framework.

Access to Eupry's Intelligent Analytics & Alarm Platform
Print reports, monitor alarms, compliant reporting, temperature logs and raw data.

5 Years Encrypted Data Storage & Backup
The cloud-based system will automatically store and backup your data. Encrypted with AES.

Unlimited Users and Locations
Assign multiple users and track corrective action.

SMS[1] / Email Alerts
Alerts via email and SMS to protect your assets around-the-clock.

WiFi Data Logger Technical Specifications

Temperature Calibration	Factory Calibrated
Operating Range	-50°C to +50°C
Temperature Accuracy[2]	±0.5°C
Temperature Resolution[2]	0.01°C
Temperature Drift/Year[2]	±0.01°C
Power	2 x AA (Lithium batteries recommended)
Battery Lifetime	Up to 2 years (usage dependent)
Measurement Frequency	3 Minutes
Memory	10,000 Measurements
Data Connection	WiFi 2.4GHz 802.11 b/g/n - End-to-End Encrypted
Certifications	CE & ROHS
Identification	Unique GS1 GRAI Code
Display	WiFi Status & Temperature Status
Unit Dimensions	91.5mm x 37mm x 33mm
Unit Weight (w/ Batteries)	84g
Casing	ABS Polymer

Probe Technical Specifications

Temperature Calibration	ISO17025 Accredited 3-Point Traceable Calibration
Calibration Points	0°C, 37°C, 75°C
Calibrated Range	0°C to 75°C
Operating Range	-90°C to +150°C
Temperature Accuracy	±0.5°C
Temperature Resolution	0.08°C
Thermal Response Time (τ)	9s
Sensor Type	PT100
Flat Cable Thickness	1mm
Flat Cable Bending Radius	6mm
Total Cable Length	2.8m
Flat Cable Length	2m

[1] Maximum 2 alarms/day/datalogger
[2] Temperature Accuracy, Resolution & Drift only valid when used within the calibrated range.