



LOGIMON
LOGISTICS MONITORING SOLUTIONS

The Temperature Monitor for Fridges

Berlinger
Fridge-tag
Devices

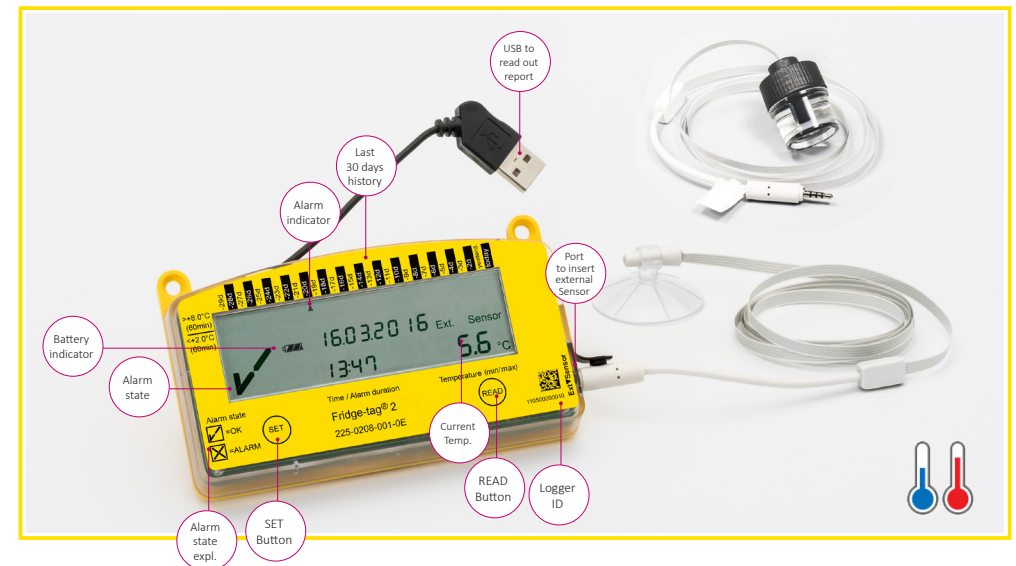
& berlinger
feel safe

Precision Monitoring in Fridges



Proven Quality

The Fridge-tag measures and registers the ambient temperature up to 3 years. Thanks to the USB interface, a clear PDF report containing the recorded data can be generated and archived at any time without installing software.



Available
on the Market for
More than 6 Years

WHO/PQS
Prequalified Products

The Well-known Fridge-tag Intelligent Fridge-Monitor



Fridge-tag 2
The Intelligent Solution

Fridge-tag 2 E
The Extended Solution

The Fridge-tag 2 measures the ambient temperature every minute and immediately issues an alert when your alarm limit is exceeded.

The Fridge-tag 2 E measures the ambient temperature every minute and immediately issues an alert when your alarm limit is exceeded.

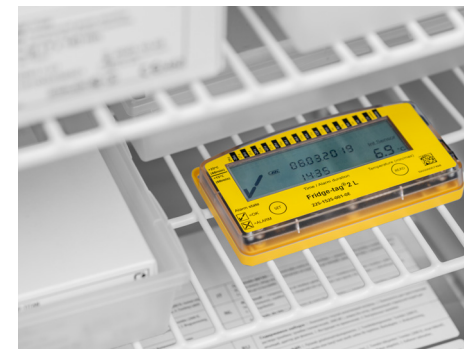
- Available for more than 6 years
- Robust housing design
- Easily readable display

- Extended lifetime up to 5 years
- Robust housing design
- Easily readable display

WHO PQS
E006/020

WHO PQS
E006/040

The New Fridge-tag Generation Data Loggers



Fridge-tag 2 L
The Logger Solution

Fridge-tag 3
The Remote Solution

The Fridge-tag 2 L automatically triggers an alarm, if a critical temperature deviation outside the predefined temperature range will be measured. This enables you and your staff to react just in time. The device has an operating lifetime for up to 3 years.

In case of a temperature deviation, the Fridge-tag 3 sends immediately a notification by SMS to predefined person(s) in charge. A fully comprehensive emergency plan can now be activated in order to prevent damage of the goods.

- Logger function with temperature graph in PDF (detailed information about the temperature profile)
- Audio alarm signal intervals for 168 h (7 days)
- Selectable recording duration 28, 56, 84 or 112 days

- Notification by SMS and email
- Built-in cellular module
- Easily readable display

External Sensor

For temperatures below 0°C (+32°F) and above 40°C (+104°F) we recommend using an external sensor.

WHO PQS
E006/041

Fridge-tag 2 / 2 E The Intelligent Solution

Typical application area:

Register min/max temperature and time data in refrigerators.

Application advantages

Detailed evaluation of temperature threshold violation

The Fridge-tag 2 or the Fridge-tag 2 E shows irrevocably the exact point in time and the date of the first limit violations. Additional information such as how long limits were exceeded and the highest and lowest temperatures help in making binding decisions. The details can be easily read on the device and in the easy-to-read PDF report.

Individual alarm programming

2 alarm limits (1 upper and one lower alarm limit) can be programmed individually at a temperature range of -20°C up to $+50^{\circ}\text{C}$. The alarm limits can be ordered either as default factory settings or set personally on-site.

Exact measurement of temperature and time

The Fridge-tag 2 is a high-precision, electronic temperature monitor. Calibration traceable to ILAC recognised international standard (e.g. SAS, NIST) upon request. The sensor has a measurement precision of $\pm 0.5^{\circ}\text{C}$. Temperature measurement occurs every minute throughout the entire monitoring time. This guarantees faultless and extremely accurate measurement results. Even if an alarm limit has been exceeded and the Fridge-tag 2 or the Fridge-tag 2 E alarm is displayed, it accumulates each additional temperature threshold violation.



Fridge-tag 2 L The Logger Solution

Typical application area:

Log all measured temperatures and time data according to a predefined logging interval in refrigerators.



Application advantages

Audible alarm

A powerful and competitive novelty is the audible alarm signal. The Fridge-tag 2 L automatically triggers an alarm, if a critical temperature deviation outside the predefined temperature range is measured. This enables you and your staff to react just in time.

Selectable recording duration up to 112 days

Enjoy extended temperature recording up to 112 days (selectable recording duration 28, 56, 84 or 112 days). The built-in USB connection generates a secure PDF/A report with all relevant temperature data presented in a clearly and easily understandable manner.

Document management and archiving

The ASCII and PDF/A files generated in the device can be sent back to the sender via email. They can organize the quality check, analysis and storage of the files. The data can be converted and read directly into the existing reports, ERP or data management systems. The information is therefore directly and automatically assigned to the relevant products.



Fridge-tag 3 The Remote Monitoring Solution

Typical application area:
Remote monitoring of refrigerators.



Application advantages

Notification by SMS and email

Thanks to a programmable built-in cellular module, it enables operators all around the world to receive automatically generated real-time alerting or warning messages by SMS and/or email. Additionally, it can be easily integrated into a web based server application.

SMS warnings prevent damage of the goods

In case of a temperature deviation, the Fridge-tag 3 sends immediately a notification by SMS to the predefined person(s) in charge. A fully comprehensive emergency plan can now be activated in order to prevent damage of the goods.

Alarms and 30-days history visible on the display

As long as the temperature is within the allowed range, the OK sign is shown on the display. If the indicator is exposed to an out-of-range temperature the ALARM sign appears on the display. The device shows the actual temperature in degrees Celsius or Fahrenheit, all alarm violations over the previous 30 days (on a rolling basis), the daily minimum and maximum temperature of the last 30 days, and the time duration of any violation.



Key Advantages of the Fridge-tag Devices

Alarms
and 30-days
History
Visible on
the Display

PDF Graph
Available via USB
Interface

Monitoring
Prevents
the Wastage
of Pharmaceuticals

Automatically Informed
About Excursions

Berlinger & Co. AG
Switzerland
Tel. +41 71 982 88 11
info@berlinger.com

LogiMon Solutions B.V.
The Netherlands
Tel. +31 85 0066 082
info@logimon.solutions