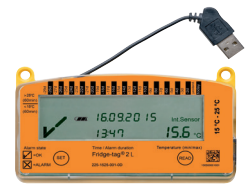


TECHNICAL SPECIFICATION

Fridge-tag® 2 L for storage monitoring at 15 °C to 25°C



	Description	56-day electronic temperature logger w/USB
	Manufacturer's ref	Fridge-tag® 2 L
External dimensions (L x W x H)		128 x 75 x 19 mm
Size of the LCD display		95 x 27 mm
Weight		112 g
Storage condition (inactive)		0 °C to +30 °C
Operating temperature		-25 °C to +55 °C*
(Display visible)		-10 °C to +55 °C
Alarm temperature range		-20 °C to +50 °C, in 0.1 °C increments
Alarm limits		Below +15 °C and above +25 °C
Alarm time		30 minutes
Alarm indication		Visual and audible (beeper)
Logging interval		Every 5 minutes
Accuracy of temperature measurement		+/- 0.8 °C from -25 °C to -10 °C +/- 0.5 °C from -10 °C to +40 °C +/- 0.8 °C from +40 °C to +55 °C
Measurement accuracy of the time		+/- 30 minutes / year
Calibration		Every device is chip calibrated
Memory space		30 day overview on display/PDF report 56 day overview
Date / time programming		Date and time will be set when device is activated (see operation manual)
Battery		Lithium battery - complies with IATA DGR Packaging Instruction 970-Section 2 and is therefore not considered as dangerous good.
Protection class		IP64 (external sensor not plugged in)
Operating lifetime and shelf life		Up to 3 1/2 years (1/2 year storage/3 years useful life). The battery status indicator on the display provides information on the remaining lifetime.
Activation		Pressing the SET and READ button for at least 3 seconds
Stopping		No stop function
Configuration		Pre-set by Berlinger & Co. AG
Manipulation		Fridge-tag® 2 L cannot be manipulated or reset without destroying it
Format of the original document		ASCII (it can also be imported by many ERP or data management systems) / PDF
Free software for verifying PDF and ASCII file		JAVA™ / The software verifies the digital signature of the ASCII and PDF files. FDA regulation 21 CFR Part 11 compliant. Software is compliant with GAMP 5 requirements.
Standards		ASTM 2500, 21 CFR Part 11, 21 CFR Part 820, ICH Q8/Q9, ANSI/IEEE 829/830/1008, EN 12830, 2002/95 EC Directive (RoHS), EN 61000-4-2/6-2/6-4 EMC, EN/IEC 60529 IP protected classes IATA Regulations

* for temperatures below 0 °C (+32 °F) we recommend to use an external sensor in order to avoid a shorter battery life.

Subject to change. Please note that all information in this document is correct at the time of publication. Due to our policy of continuous product development, we reserve the right to change this information without prior notice.