berlinger
feel safe

Q-tag CLm doc Ice
The frosty one

Freeze multi-alarm shipping temperature logger

The frosty one

Alarm indicators

INFO Button

Barcode

START STOP Button

Exp. date information

Temperature monitoring of frozen shipments

start it - pack it - send it - dock it - file it

This single-use data logger impresses with its large memory capacity of 38,000 measurements. Once the device has been connected to a PC or Mac, it creates automatically a PDF/A and ASCII file with all measured temperatures and time data.

- Ideal for shipments between −40°C to +60°C

- Runtime up to 365 days thanks to a large memory capacity of 38,000 measurement points.

- User-friendly, reliable and high-precision

MANUFACTURER'S REF	Q-tag CLm doc Ice
DESCRIPTION	Temperature monitoring of frozen shipments
	The new member in the Q-tag CLm doc device family! Ideal for shipments between −40°C to +60°C. This single-use data logger impresses with its large memory capacity of 38,000 measurements.
LABEL COLORS	Different label colors available
EXTERNAL DIMENSIONS (L X W X H)	94 x 54 x 20 mm, Display 25 x 19 mm
WEIGHT	54 g
STORAGE CONDITION (INACTIVE)	0°C to +30°C / +32°F to +86°F
OPERATING TEMPERATURE	−40°C to +60°C / −40°F to +140°F
DISPLAY VISIBLE	−10°C to +60°C / +14°F to +140°F
ALARM TEMPERATURE RANGE	−35°C to +55°C, in 0.1°C increments −31°F to +131°F
ACCURACY OF TEMPERATURE MEASUREMENT	+/- 0.8°C from −40°C to −30°C +/-1.44.°F from −40°F to −22°F +/- 0.5°C from −30°C to +40°C +/-0.9°F from −22°F to +104°F +/- 0.8°C from +40°C to +60°C +/-1.44°F from +104°F to +140°F
ALARM LIMITS	Up to 5 individually programmable alarm limits
TEMPERATURE MEASUREMENT INTERVAL	1 minute
LOGGING INTERVAL	Adaptable 1 to 60 minutes (by 15 min the memory capacity will last for more than 1 year)
ALARM TRIGGER TIME	1 minute to 20 days
MEASUREMENT ACCURACY OF THE TIME	+/- 30 minutes / year
CALIBRATION	Calibration traceable to ILAC recognised international standard (e.g. SAS, NIST) upon request
MEMORY SPACE	38'000 points
BATTERY	Button cell battery complies with IATA DGR Packing Instruction PI970 Section II
PROTECTION CLASS	IP65
OPERATING LIFETIME AND SHELF LIFE	Up to 2 years (1 year storage / 1 year useful life). Battery warning: display blinking
WARRANTY	2 years from date of delivery (see general Berlinger Terms & Conditions)
MANIPULATION	Q-tag CLm doc Ice cannot be manipulated, reset or turned off without destroying it
FORMAT OF THE ORIGINAL DOCUMENT	PDF / ASCII (it can also be imported by many ERP or data management systems)
SOFTWARE FOR VERIFYING PDF AND ASCII FILE	berlinger verifier www.berlinger.com/verifier JAVA™ / The software verifies the digital signature of the ASCII and PDF files.
COMPATIBILITY WITH BERLINGER SMARTVIEW	berlinger smartview www.berlinger.com/smartview
STANDARDS	CE, EMC, ROHS compliant, REACH, DO160, EN12830, PQS

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.

For more information download the whole user manual www.berlinger.com/user-manuals