



The reliable companion for your valuable products

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The Q-tag CLm doc LR is a reusable data logger with a USB interface for data analysis on a computer. When connected to a PC / Mac, the logger automatically generates a secure PDF/A report showing the measured data including the temperature curve. With a large memory capacity of 38,000 measurements.

- Reusable shipping temperature logger
- Thanks to the Q-tag easy go software, the Q-tag CLm doc LR devices can be activated and **reconfigured**.
- User-friendly, reliable and high-precision



Technical Specification

Q-tag CLm doc LR

MANUFACTURER'S REF	Q-tag CLm doc LR
DESCRIPTION	Reusable multi-alarm shipping temperature logger The Q-tag CLm doc LR is a reusable multi-alarm temperature logger. With its large memory capacity of 38,000 measurements and the possibility of multiple use, the logger is very profitable.
LABEL COLORS	Different label colors available
EXTERNAL DIMENSIONS (L X W X H)	94 x 54 x 12 mm, Display 25 x 19 mm
WEIGHT	35 g
STORAGE CONDITION (INACTIVE)	0°C to +30°C / +32°F to +86°F
OPERATING TEMPERATURE	-5°C to +60°C / +23°F to +140°F*
DISPLAY VISIBLE	-10°C to +55°C / +14°F to +131°F
ALARM TEMPERATURE RANGE	0°C to +55°C, in 0.1°C increments / +32°F to +131°F*
ACCURACY OF TEMPERATURE MEASUREMENT	+/- 0.5°C from -5°C to +40°C +/- 0.9°F from +23°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	Lithium coin cell battery complies with IATA DGR Packaging Instruction 970-Section II
PROTECTION CLASS	IP 65
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 LR cannot be manipulated 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	 www.berlinger.com/verifier JAVA™ / The software verifies the digital signature of the ASCII and PDF files.
COMPATIBILITY WITH BERLINGER SMARTVIEW	 www.berlinger.com/smartview
STANDARDS	CE, EMC, ROHS compliant, REACH, DO160, EN12830



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.

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