Q-tag CLm doc D
The cool one

Dry ice multi-alarm shipping temperature logger

The cool one

Exp. date information

Alarm indicators

INFO Button

Barcode

START STOP Button

Q-tag® CLm doc D

exp 2022-01

alarm limits | day month year
Parameter 1
Parameter 2
Parameter 3
Parameter 4
Parameter 5

17.10.2019 | date
23:40 | hour GMT
3 47 MIN | °C min./max. temperature d/h/m time out of limit

INFO | BHAC00167 | 132-9999-001-00
www.q-tag.com

✔ = OK
✗ = alarm

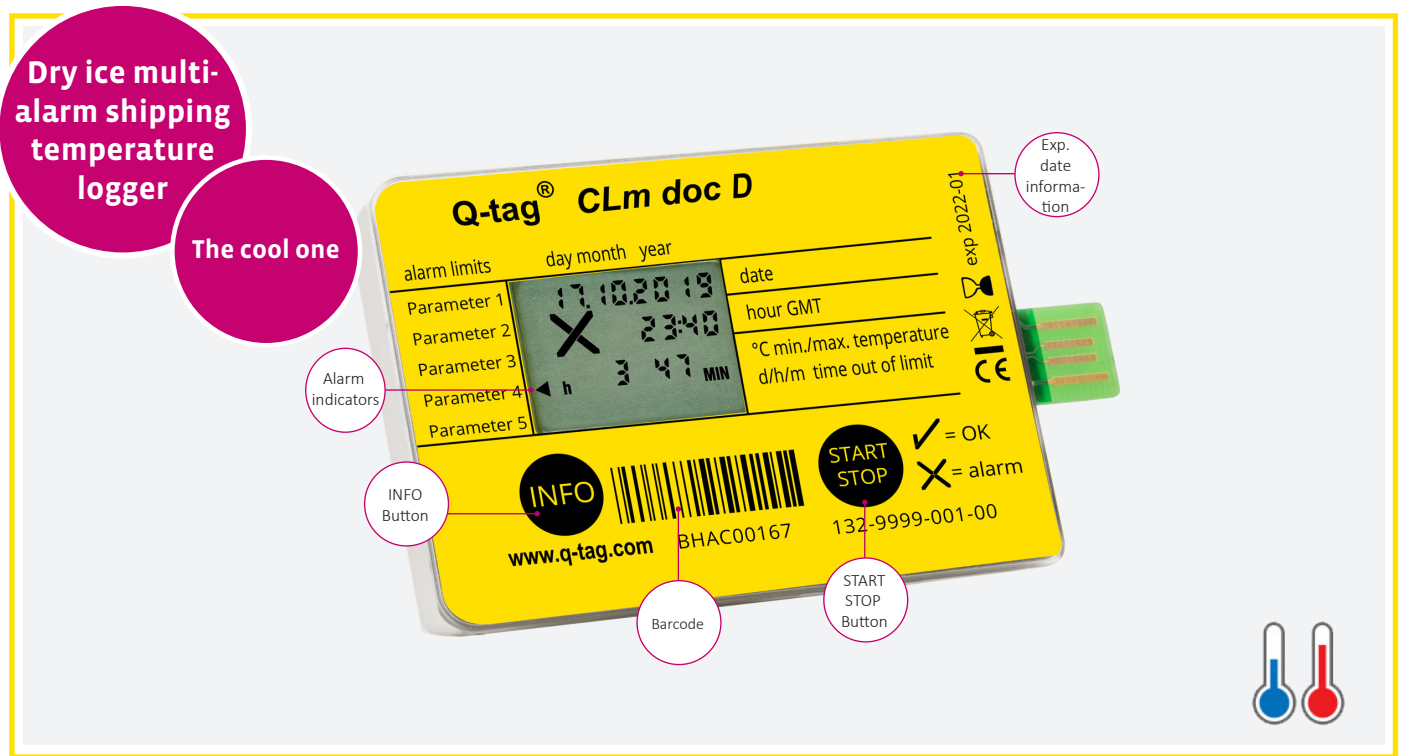START STOP

Temperature monitoring of frozen or dry ice 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 and its wide temperature range of –96°C to +30°C. When connected to a PC / Mac, the logger automatically generates a secure PDF/A report showing the measured data including the temperature curve.

- Coolest operating temperature: **–96°C** to +30°C

- Perfect companion for **dry ice** shipments

- User-friendly, reliable and high-precision

MANUFACTURER'S REF	Q-tag CLm doc D
DESCRIPTION	Temperature monitoring of frozen or dry ice shipments
	The clearly coolest is the Q-tag CLm doc D. The dry-ice multi-alarm shipping temperature logger has a storage capacity of 38,000 measurements and is used for single use.
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	−96°C to +30°C / −140.8°F to +86°F
DISPLAY VISIBLE	−10°C to +30°C / +14°F to +86°F
ALARM TEMPERATURE RANGE	−80°C to +25°C, in 0.1°C increments −112°F to +77°F
ACCURACY OF TEMPERATURE MEASUREMENT	+/- 1.5°C from −96°C to −30°C +/- 3.2°F from −141°F to −22°F
	+/- 0.5°C from −30°C to +30°C +/- 0.9°F from −22°F to +86°F
ALARM LIMITS	Up to 5 individually programmable alarm limits
TEMPERATURE MEASUREMENT INTERVAL	1 minute
LOGGING INTERVAL	5 min (Standard)
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	Limited to 30 days operation at −96°C / −140.8°F / 2 years storage
WARRANTY	2 years from date of delivery (see general Berlinger Terms & Conditions)
MANIPULATION	Q-tag CLm doc D 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	JAVA™ / The software verifies the digital signature of the ASCII and PDF files.
COMPATIBILITY WITH BERLINGER 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.

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration