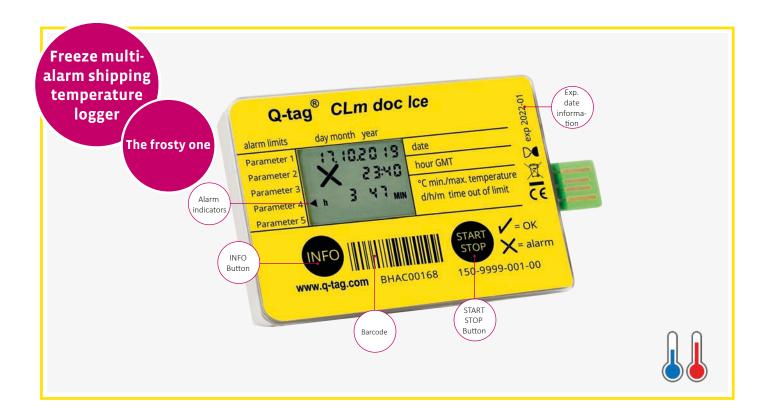


## Q-tag CLm doc Ice The frosty one



## 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





## Technical Specification Q-tag CLm doc Ice

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.	G-tag CLm doc ice  derivative September 1 120 19 mm  Frameword 1 2300 19 mm  Frameword 1 2300 19 mm  Frameword 1 3 43 mm  The september 2 3 43 mm  The september 3 4 7 mm  The september 3 4 mm
LABEL COLORS	Different label colors available	www.q-big.com sex-cooles 150-9979
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 www.berlinger.com/verifier  JAVA™ / The software verifies the digital signature of the ASCII and PDF files.	
COMPATIBILITY WITH BERLINGER SMARTVIEW	berlinger www.berlinger.com/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  $\underline{\text{www.berlinger.com/user-manuals}}$ 



