



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 $+30^{\circ}\text{C}$. 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 $+30^{\circ}\text{C}$
- 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 |  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, 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



Berlinger & Co. AG Switzerland +41 71 982 88 11
Berlinger USA LLC +1 508 366 0084
info@berlinger.com • www.berlinger.com