

DATASHEET

TICT

LogTag

Distributed by AKRIBIS



SINGLE-USE TEMPERATURE INDICATOR



TICT
Temperature Indicator with 4 alarms

LogTag Recorders

AKRIBIS · www.akribis.info · contacto@akribis.info



The LogTag® TICT is a single trip low cost electronic temperature indicator intended for monitoring temperature and time statistics during the transportation and storage of chilled or frozen products.

The LogTag® Temperature Indicator can run up to 45 days storing statistics and monitoring four pre-set temperature Alarms.

Features



Records temperature from -25°C to +60°C.



Clear indication of alarm status at all times.



Monitor for up to 45 days.



Push button Start and Stop.

Applications



Pharmaceuticals



Transportation



Blood/Organs/Tissue



Chemicals



Laboratories



Produce/Meat/Dairy

Specifications

Product Model	TICT
Sensor Measurement Range	-25°C to +60°C (-13°F to +140°F).
Operating Temperature Range	-25°C to +60°C (-13°F to +140°F).
Storage Temperature Range	0°C to +40°C (32°F to +104°F).
Rated Temperature Reading Accuracy	Better than $\pm 0.5^{\circ}\text{C}$ for -10°C to $+25^{\circ}\text{C}$. Better than $\pm 1.0^{\circ}\text{C}$ for -25°C to -10°C . Better than $\pm 1.0^{\circ}\text{C}$ for $+25^{\circ}\text{C}$ to $+60^{\circ}\text{C}$.
Rated Temperature Reading Resolution	0.1°C for -20°C to $+60^{\circ}\text{C}$.
Sensor Reaction Time	Typically less than 7 minutes (T90) in moving air (1m/s).
Recording Capacity	Minimum & maximum temperature for each of the 45 days. 1st activation of each alarm for each day including trigger time and duration of each event. Please note the TICT does not store each individual temperature reading taken.
Sampling Interval	Factory pre-set between 1 and 59 minutes; 5 minute interval for profile 0001.
Logging Start Options	Push button start. Factory pre-set between 1 and 255 minutes; 60 minute delay for profile 0001.
Recording Indication	OK $\checkmark$ = Temperature has remained within the alarm limits. Reject X = Alarm event has been generated
Alarm events	Four factory pre-set alarm events, two over temperature and two under temperature. Each alarm event can be instant reject or accumulative reject. It can also be disabled.
Environmental	IP64.
Power Source	CR2032 3V LiMnO ₂ Battery (Fixed).
Battery Life	Minimum storage life of 18 months before 'start'. Monitoring period: 45 days. Minimum accessibility (display) period of 6 months after 'stop'.
Real Time Clock	Built-in real time clock. Rated accuracy $\pm 25\text{ppm}$ @ 25°C (equivalent to 2.5 seconds/day). Rated temperature coefficient is $-0.034 \pm 0.006\text{ppm}/^{\circ}\text{C}$ (i.e typically ± 0.00294 seconds/day/ $^{\circ}\text{C}$).
Size	71.5mm(W) x 33.0mm(H) x 8.6mm(T).
Weight	23g.
Case Material	Polycarbonate.

