# TICT
## Temperature Indicator with 4 alarms

# *LogTag Recorders*

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 ±0.5°C for -10°C to +25°C.<br>Better than ±1.0°C for -25°C to -10°C<br>Better than ±1.0°C for +25°C to +60°C. |
| **Rated Temperature Reading Resolution** | 0.1°C for -20°C to +60°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 ✓ = 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.<br>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 ±25ppm @ 25°C (equivalent to 2.5 seconds/day). Rated temperature coefficient is -0.034 ±0.006ppm/°C (I.e typically +/- 0.00294 seconds/day/°C). |
| **Size** | 71.5mm(W) x 33.0mm(H) x 8.6mm(T). |
| **Weight** | 23g. |
| **Case Material** | Polycarbonate. |