

# iBCod G

-40°C a + 85°C temperature submersible logger



## DESCRIPTION

The iBCod are temperature recorders based on Thermochron® with liquid immersion capability and application in small animals.

They are robust and self-sufficient sensors that measure and record temperature. The sampling is carried out at a user-defined interval. The respective record is stored in a memory together with the date and time of the reading. Stores up to 2048 temperature records, measured at regular intervals from 1 second to 255 minutes

Each iBCod has a unique identification number, laser engraved during the manufacturing process, in order to ensure that traceability is unambiguous.

The iBCod capsule has two holes that allow attaching it to objects, fish and mammals.

To program the iBCod G ExpressThermo software package is required along with a communication cable.

## SPECIFICATIONS

Temperature range	-40°C a + 85°C
Memory Capacity	2048 samples
Sample Rate	From 1 second to 273 minutes
Delay to start	From 1 second to 11650 days
Clock Accuracy	±3 min./month @ +25°C
Temperature Resolution	0,5°C
Battery Life	Up to 8 years, depending on use
Battery	Lithium internal, non-replaceable
Weight	12g
Weight (submerged)	5,4g neg.
Pressure (máx.)	60 bar
User Memory	512 Bytes
Dimensions [mm]	44x 12 (l x e)

1) Battery characterization available in a separate document

## APPLICATIONS

- Oceanographic research
- Sterilization and pasteurization
- Biological testing



## EXPRESSTHERMO SOFTWARE

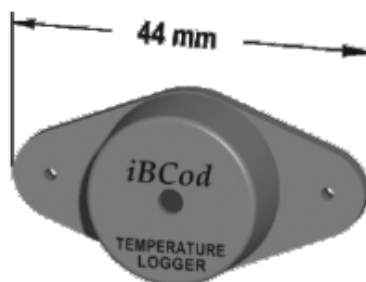
ExpressThermo is a software to manage iBee loggers. The interface - very intuitive and easy to use - allows you to adjust the log parameters, download and analyse samples and manage all the information. There are optional add-on modules for specific applications such as validation of thermal treatments.

## FEATURES AND BENEFITS

- For temperature monitoring in sterilization and pasteurization processes, rivers, lakes and sea.
- Marking of large fish
- Large memory: long-term logging
- Optional ISO/IEC17025 calibration.
- Intuitive software: user friendly and uncomplicated.
- Due to their small size they can even be applied to fish, birds, bats and other small mammals

## ACCESSORIES

- iBee connection interface



Dimensions in millimetres.

For more information about the iBCod G, visit

[www.eclo.solutions/iBCodG](http://www.eclo.solutions/iBCodG)