

micro-T

- *Self-contained temperature logger*
- *Measures just over 0.5" in diameter*
- *Sample interval of 1 to 255 minutes*
- *Store up to 4096 measurements*
- *Durable stainless steel housing*

The NexSens **micro-T** temperature logger is a self-contained, self-powered, and field-rugged package that measures just over 0.5 inches in diameter. Based on iButton technology, the **micro-T** consists of a computer chip, temperature sensor, and battery enclosed in a 16mm thick stainless steel can. The small size of the temperature data logger allows it to be securely hidden in important monitoring areas.

Up to 4096 temperature measurements are stored in non-volatile memory at a sample interval of 1 to 255 minutes. Each **micro-T** has a unique ID to ensure traceability. The logger uses its stainless steel can as an electronic communications interface. By simply touching the logger to the DS1402 USB reader, the user can setup deployments, upload data, and view the logger status using **micro-T Software**. NexSens **micro-T Software** is a user-friendly Windows-based package that simplifies the task of deploying loggers and managing their data. Common sampling options such as log intervals, sampling start time, and units of measurement are setup through easy-to-navigate dialog boxes and graphical menus.

micro-T loggers are rugged enough to withstand environmental hazards, indoors or outdoors. The durable stainless steel package is resistant to dust and moisture. A full line of accessories are available for mounting and deploying the loggers including adhesive pads, keychain fobs, and underwater housings. Common applications include water temperature profiling, cargo transportation monitoring, ambient air monitoring, animal roosting behavior studies, new product research & development, wide-area temperature networks and much more. With so much capability in a tiny package, the applications are endless!

micro-T

specifications

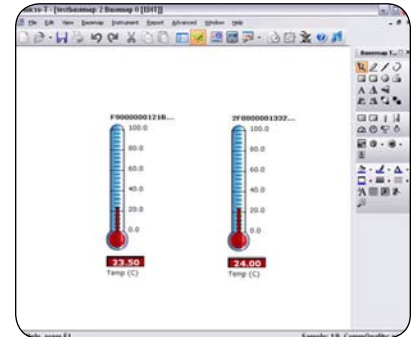
DS1921G	
Range	-40 to +85°C
Resolution	0.5°C
Accuracy	±1°C
Samples	2048

DS1922L	
Range	-40 to +85°C
Resolution	0.0625°C
Accuracy	±0.5°C
Samples	4096

DS1922T	
Range	0 to +125°C
Resolution	0.0625°C
Accuracy	±0.5°C
Samples	4096

DS1922E	
Range	+15 to +140°C
Resolution	0.0625°C
Accuracy	±0.5°C
Samples	4096

DS1923	
Range	-20 to +85°C; 0 to 100% RH
Resolution	0.0625°C; 0.04% RH
Accuracy	±0.5°C; ±5% RH
Samples	2048 ea. Temp & RH



parts list

Part #	Description
DS1921G	Standard temperature logger
DS1922L	High accuracy temperature logger
DS1922T	Extended range temperature logger
DS1922E	High temperature logger
DS1923	Temperature & relative humidity logger
1004	micro-T software
DS1402	USB reader with 8' extension cable
DS9010K	Underwater housing, black
DS9093N	Keychain fob, 5 pack
DS9096P	Adhesive pads, 12 each



P 937.426.2703
8am to 7pm EST, Monday-Friday

F 937.426.1125
24 hours a day, every day

NexSens Technology, Inc.
PO Box 151
Alpha, OH 45301-0151

E info@nexsens.com

→ nexsens.com