



APPLICATION & PRODUCT GUIDE

Tinytag® Data Loggers

GATHERING QUALITY DATA
Environment



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Tinytags are compact, battery powered data loggers that measure and record a number of parameters in a variety of locations.

The Tinytag range of data loggers offers an array of features such as ruggedness, waterproofing and various memory sizes to meet your requirements in recording temperature, humidity or other parameters over a period of time. Furthermore, external sensors in the form of probes are available to access places a logger cannot.

Tinytags are easy to use. Connect the logger to your PC using a USB or serial cable, use Tinytag Explorer software to configure the logger and leave it in place to record the data. Configuration options allow the user to set the time interval for each recording, define alarm limits and start options.

To retrieve the data, re-connect the logger to your PC to view in a convenient graph format. It can then be saved and exported to other applications.

Tinytags can be supplied with UKAS traceable calibration certificates for validation purposes.



Install Tinytag Explorer software and connect data loggers to PC

Place Data Logger in position to record and connect probe if required

Connect Data Logger to PC, download and display the data

BUILDING ENERGY EFFICIENCY

Tinytag® data loggers are used in building monitoring to:

- Record environmental conditions that must comply with Health and Safety regulations
- Monitor the various affects of different types of building materials, e.g. loft or wall insulation
- Validate a heating or climate control system
- Monitor air conditioning performance
- Monitor variables that affect storage conditions, e.g. museums and documents storage
- Calculate building temperature losses

Tinytag Talk 2

Housed in 35mm film canisters, these small lightweight loggers will fit the space and your budget for short term temperature/humidity monitoring in confined spaces such as heating and ventilation ducts. Also available with external probes, they are ideal for monitoring the temperature of pipe-work.



TINYTAG TALK 2

Tinytag Ultra 2

Having a greater memory capacity than the Tinytag Talk 2 and housed in a dust and splash-proof case, the Tinytag Ultra 2 is perfect for long term monitoring of temperature and/or humidity within the workplace. This type of unit has been used successfully in a number of high profile housing projects.

OCEANS & RIVERS / AQUACULTURE

The Tinytags here are waterproof and can be used for long-term data collection such as:

- River temperature monitoring
- Ocean current mapping
- Fish farming

Tinytag Plus 2

Tinytag Plus loggers are highly robust and have a large memory for long term monitoring. Designed for harsh environments where many loggers would be easily damaged, they are waterproof to depths of 15 metres and ideal for outdoor use due to their wide range of sensors.



TINYTAG ULTRA 2

Tinytag Aquatic

Tinytag Aquatics are completely encapsulated, waterproof data loggers, excellent for long term submerged monitoring in the toughest locations. Designed for use in the aquaculture industry, these units have a high reading resolution, accuracy and can survive submersion to great depths.

CLIMATE MONITORING

The Tinytags in this section are designed for outdoor use in applications such as:

- Climatic surveys
- Soil monitoring
- Growing conditions
- Glacial temperature monitoring

Tinytag Plus 2

Robust and waterproof these loggers have a wide range of sensors and large memories for long term monitoring. Dual channel units are ideal for comparing soil temperature at different depths or air and soil temperature.



TINYTAG AQUATIC

Reprogrammable

Re-Ed Tinytags take inputs from a wide range of devices such as level sensors, pressure meters, etc.

These loggers are designed for the specialist who wishes to attach his own sensor and modify the logger to match. Industry standard inputs, power-up signals and provide variants for many different applications such as rainfall, wind speed and water flow.



TINYTAG PLUS 2 / RE-EDUCATABLE

TINYTAG EXPLORER SOFTWARE

Tinytag Explorer is Windows based and user-friendly with simple steps to download and display data clearly as graphs and tables. Data can also be exported to other applications such as Excel.



TINYTAG EXPLORER SOFTWARE

ACCESSORIES

Stevenson Screen

To protect Tinytags from rain, sun and wind chill, Stevenson Screen is the perfect solution.

Probes

There is a wide range of cost effective, waterproof, food grade and robust Probes suitable for applications as diverse as the Tinytag loggers themselves.



PROBE