Tinytag

Tinytag Data Loggers

Gathering Quality Data
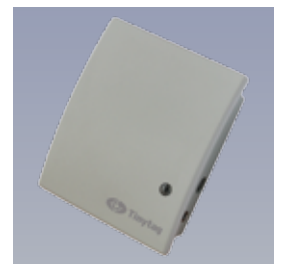
DATA **LOGGERS**
PRODUCT GUIDE

www.tinytag.info

Tinytag Data Loggers

Tinytag data loggers are cost-effective, battery operated devices used to monitor temperature, relative humidity, power usage, CO_2 and a number of other parameters. Designed and manufactured in the UK, Tinytags are used in a wide variety of applications across different industries and have a reputation for quality and reliability.

Data loggers are started on a computer running Windows based software, placed in an application for a period of time and then taken back to the computer and offloaded to provide the user with detailed information on the conditions they have been monitoring. For larger facilities with multiple monitoring points, a Radio Data Logging System is available which gathers data automatically using wireless communications.

Tinytags come in a number of different case styles with different features to suit a variety of applications. They include basic loggers designed to record temperature in product shipments or within buildings, and robust, waterproof devices that can be used for outdoor environmental monitoring including underwater, and in industrial applications. Data loggers with displays can also be supplied; and the carbon dioxide data logger is used to help verify that indoor ventilation systems are performing correctly and to help maintain air quality.

Where data loggers cannot be placed directly into an application, a wide variety of probes are available to withstand extremes of temperature such as those in ovens and cryogenic monitoring, and specific conditions such as pipework temperatures or compost.

Whatever your application, location or the environmental conditions, Tinytag data loggers will provide the solution.

Tinytag Plus 2

Robust, waterproof loggers for harsh, outdoor and industrial applications

From £95

Tinytag Ultra 2

Lightweight loggers for monitoring indoor temperature and humidity

From £69

Tinytag View 2

Data loggers with a display which shows current readings

From £110

Tinytag Talk 2

Compact, cost-effective data loggers suited to a wide variety of applications

From £59

Tinytag Transit 2

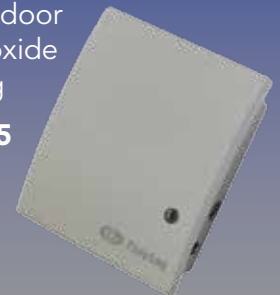A lightweight and compact data logger for monitoring of goods in transit

From £50

Tinytag CO_2

Discreet indoor carbon dioxide monitoring

From £325

All prices excl. VAT.

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Tinytag Radio

The Tinytag Radio System automatically gathers data which can be viewed at the convenience of a user's own desk. The system is easy to install and use, enabling data to be viewed and the loggers reconfigured without the need to collect and download them manually.

Radio data loggers positioned throughout an application feed information back to a central receiver via a mesh network.

A Windows service running on the computer into which the receiver is plugged manages the data collection from the loggers, and presents the recorded information across a LAN or the internet for remote viewing in the Tinytag Explorer software or other third party programs.

E-mail warnings can be sent from the system to alert users to potential problems. Radio data loggers will also record remotely, ensuring data is not lost in the event of a power failure to the computer managing the service, ensuring high reliability at all times.

Bundles – 3 loggers/receiver/ software from £1000 +VAT

Tinytag Energy Logger

A unique member of the Tinytag product range is the Energy Logger, a safe, non-invasive tool for monitoring single and three phase power.

It combines the level of performance required by experts with the ease of use required by those who are new to energy management, and can be used to monitor single devices or entire installations.

This portable, self-configuring data logger can be used for spot-checks around an installation or for longer term recording of power usage to identify when equipment is being used, times of peak load, how much energy is being used and the overall assessment of energy efficiency.

£795 for full kit

Tinytag Explorer

Tinytag Explorer is the user interface for all Tinytag data loggers. This Windows based software is used to start data loggers recording and to view the data they record. Data can be displayed in a graph or as a table of readings, and summary information views provide the user with basic statistical information such as average readings and daily minimum and maximum data.

Data from multiple loggers can be combined into the same graph and this data can easily be exported for use in third party programs such as Microsoft Excel.
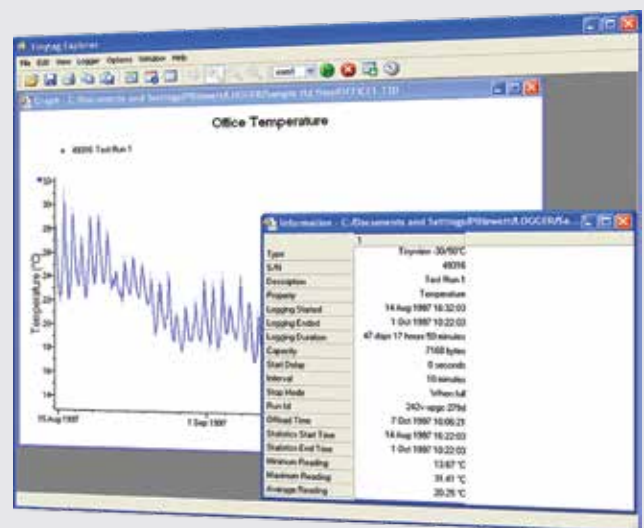
Starter pack (Software + USB cable): £55

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Different Tinytag product families record different properties – the table below may be used as a guide.

	General Temperature	Relative Humidity	Low Temperature (Down to -200°C)	High Temperature (Up to 600°C)	Very High Temperature (Up to 1,370°C)	Washer/Disinfectors	Underwater	CO_2	Energy	Voltage (0-25V)	Current (0-20mA)	Count
Transit 2	•											
Talk 2	•									•	•	
Ultra 2	•	•	•	•	•							
Plus 2	•	•	•	•					•			
View 2	•	•	•	•					•			
Radio	•	•	•	•						•	•	•
Splash 2						•						
Aquatic 2							•					
Plus										•	•	•
Energy									•			
CO_2								•				

About Gemini Data Loggers

Gemini Data Loggers was established in 1984 and designs and manufactures the Tinytag range at its headquarters in Chichester in the UK. Gemini first produced the Tinytalk temperature data logger in 1992 and quickly expanded its range of products, now trading globally with a network of over 40 distributors. All hardware, firmware and software design and production is done in-house, which enables tight control, quality and flexibility to respond to customer needs. A Quality and Environmental Management System is in operation which conforms to ISO 9001 and ISO 14001. While the extensive range of off-the-shelf data loggers and probes suit most requirements, Gemini's engineering team can develop custom solutions adapted to the requirements of your application.