





a logging products designed for outdoor and industrial use. nat forms a robust data network that allows a user to see cross a LAN or the Internet.

ta logger that is ideal for low temperature monitoring in a

Popular Applications

For low temperature monitoring in:

- Freezers and cryogenic applications
- Industrial processes
- Laboratories and research

This logger can also be used with third-party PT1000 sensors.







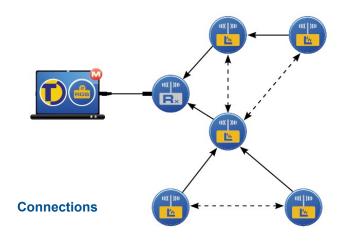
Readthg SpggifrdAltions

Then DGR Fu4201 is a battery powered, temperature radio data logger.

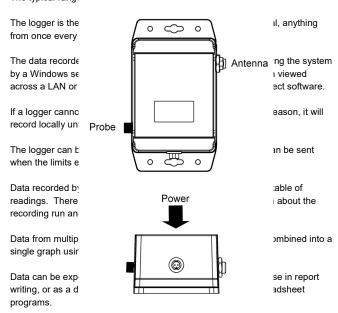
Readiate Reggeis used with a PT1092Q00CbectHatt06%Cuitable measuring Stemssoratupe down to -200°C. PT1000 (external probe, 3-wire) Logger Resolution 0.01°C or better

Tempegatuise (Stability) art of a Tinytag) "OdnOe" C systege them ձեր միշ a receiver and the Connect version of the Tinytag Explorer software. Logger Accuracy

After the installation of the software and the configuration of the receiver, the Theorem with the software and the configuration of the receiver, the Theorem with the software the softwa



The typical range of the logger on a clear line of eight in 200m









Playtsicas Specification

Poinutes to 10 days

Off-line storage Capacity* 2 weeks typical, at a 10 minute logging

Operational Range* i2@f@db +55°C

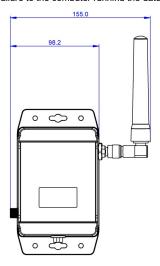
Case Dimensions (excluding antenna)

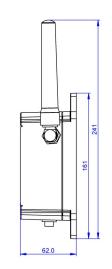
Date niggrams be set to record in internals of space every 2 minutes or grammatic by default the logging interval55 ment 100 of 00 every 10 minutes).

Depth 62mm / 2.44"

Weight (thinc cantenunic) ations are good 54th (alia.54th smitted immediately and stored by the gateway service.

*The Operational Range indicates the physical limits to which the unit can be WHREFEE mmunications with the gateway service are interrupted, by a power failure to the computer running the gateway service or an obstacle causing a





Menubatingeldeisiend for Mosmessages using the

Radige Space Weatborned or placed

on its back on a flat surface, such as a Radio Frequency EU 869.88M AUS 917.8Ml-Radio Power EU <5mW (- The logger's back-plate has Augusting 3mW (- Radio Rasigneyn. 200m, ty Radio License SRD lice

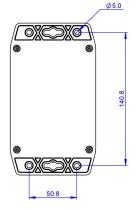
The logger uses FSK modulation, with +/-32 l

These frequencies will easily penetrate most be reduced to between 30% and 80% (howevincreased, maybe up to double the nominal rand roofs etc.).

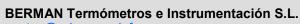
Although the radio waves cannot penetrate a iron sheds etc.) the signal will often still get th

windows and air vents etc. The logger can also be positioned on a non-conductive flat surface, such as a

The advantage of the mesh network is that lo ranges will often be able to relay data though transmit further.













Power Information

Battery Power

Battery Type

2 x Duracell Industrial ID1400 C (LR14) 1.5V (supplied)

The logger will operate with other C cell batteries but performance cannot be guaranteed.

Battery Life

Typically 12 months

When the logger's batteries start to run flat, a low battery warning will be displayed in the Tinytag Explorer Connect software and the LED on the front of the logger will flash red. The low battery warnings will start to flash when the logger has approximately two weeks of battery power remaining.

Before replacing batteries the logger must be turned off.

Alkaline batteries should always be replaced in pairs.

Data stored in the radio system will be retained after batteries are replaced.

A lithium battery powered version of the logger is also available, that provides a wider working temperature range and a longer battery life. Please contact your supplier for further details.

The logger can also be powered from the mains using a plug-in power supply.

If the power supply is interrupted, the logger's batteries will power the logger and continue recording until the supply is restored.

Note: This logger should only be used with an ACS-0044 Tinytag Plus Radio power supply.

Calibration

This logger is configured to meet Gemini's quoted accuracy specification during its manufacture.

We recommend that the calibration of this unit should be checked annually against a calibrated reference meter.

A traceable certificate of calibration can be supplied for an additional charge either at the point of purchase, or if the unit is returned for a Service Calibration.

Warranty

This product carries a manufacturing defects warranty of 12 months from the date of purchase. Units returned under warranty will be repaired or replaced at the manufacturer's discretion. This warranty does not cover mishandling, modification or battery replacement and is subject to our standard Terms and Conditions of Sale, a copy of which can be found at www.tinytag.info.

