



Tinytag Plus Radio Temperature Data Logger for 2 x Thermistor Probe



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 temperature monitoring in a

Popular Applications

Used for temperature monitoring in:

- Warehouses and product storage
- Fridges and freezers
- Industrial processes
- Outdoor applications







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Readthg SpggifrdAltions

Then TGR Fu4022 is a battery powered, temperature radio data logger.

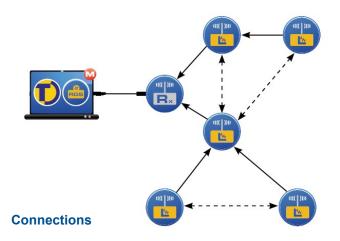
Readiate Range is used with two ther #0516 rtpre-1525 160 a(1x2) e suitable for use in

SemsonatLype up to 125°C. Thermistor (external probe)

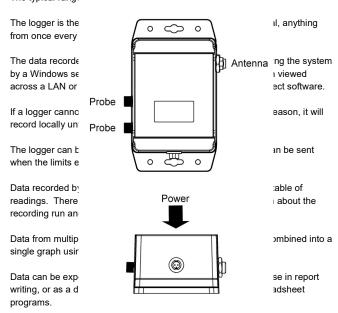
Logger Resolution 0.02°C or better

Temperaturse Stability art of a Tinytan Odhoe system ether expires a receiver and the Connect version of the Tinytan Explorer software. Logger Accuracy

After the installation of the software and the configuration of the receiver, the IDGG or AP Number who are used with a Tipe of the number of the receiver, the IDGG or AP Number of the are used to the the software and the configuration of the receiver, the IDGG or AP Number of the software and the configuration of the receiver, the IDGG or AP Number of the software and the configuration of the receiver, the IDGG or AP Number of the software and the configuration of the receiver, the IDGG or AP Number of the software and the configuration of the receiver, the IDGG or AP Number of the software and the configuration of the receiver, the IDGG or AP Number of the software and the configuration of the receiver, the IDGG or AP Number of the software and the software a



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









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Playtsicas Specification

Poinutes to 10 days

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

Operational Range* i20envato +55°C

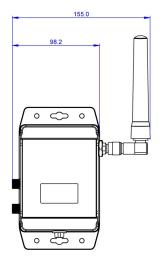
Case Dimensions (excluding antenna)

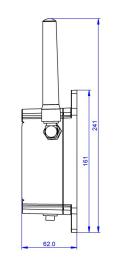
Data negation be set to record in intermedial of 400 the every 2 minutes or gravitating by default the logging intervals 5 man 100 of 0 the every 10 minutes).

Depth 62mm / 2.44"

Weightathincontenunia)ations are good55tallatie.58ccmitted 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





can be used to send Sivis messages using th

Mounting/Positioning Instructions Radio Specification

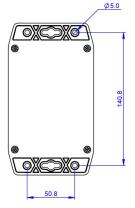
The logger uses FSK modulation, with +/-32 l

These frequencies will easily penetrate most be reduced to between 30% and 80% (howeverceased, maybe up to double the nominal \ensuremath{ra} and roofs etc.).

Although the radio waves cannot penetrate a iron sheds etc.) the signal will often still get th. Wild Olygandaliaken see Sositioned on a non-

ଟନାୟଧିନୀଧିଷ୍ଠ ଧିନୀ ଅଧିକ୍ରିୟନ୍ତି : ଏହାଡ଼ି ଓଣ୍ଡିନୋଡ଼ି ଅଧିକ୍ରିନି ପ୍ରତିକ୍ରିୟ phothemithite metergrap positionegev କର୍ମାରେଥିଏ, a with onchotted pateurios recemple.

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











www.e-berman.info

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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 quaranteed.

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.

