

# **Tinytag Plus Range G for Standard Probe** TGP-0020

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# Mechanical Data

Case Style: IP68 Style

#### **Case Dimensions**

Height: 34mm / 1.34 Width: 59mm / 2.32 Depth: 80mm / 3.15 Weight: 110g / 3.9 oz.

#### Features

Memory Size: 16k (Non-volatile) No. of Readings: 16000 (approx)

Resolution: 8 bit

Trigger Start: Magnetic reed switch Delayed Start: Relative / Actual

up to 45 days

Stop Options: When Full

After n Readings

Never (Wrap around)

Reading Types: Actual, Min, Max. Logging Interval: 1 sec to 10 days Offload: While stopped or

> when logging in minute multiples

Alarms: Two, fully Programmable

Functional Range: -40°C to +85°C/ -40°F to +185°F

IP Rating: IP68 waterproof Battery Life: Up to 5 Years

Battery replacement recommended every 2 years. It may be replaced with Saft 3.7V 1/2AA Lithium cells. Stop the unit logging before replacing the battery.

Functional Range describes the range over which the logger will function, not the sensor range over which it will record.

# Sensor Details

Range: -40°C to +125°C / -40°F to +257°F Sensor Type: Standard Probe with

10k NTC Thermistor

Resolution: 0.4°C at +25°C / 0.72°F at +77°F

Sensor Probe choice depends on the application. See individual data sheets for

detailed probe specifications.

### Approvals

This equipment complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause any harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This product is manufactured by Gemini Data Loggers (UK) Ltd. to EN ISO 9002 part 2 (Certificate No. 6134), and is CE approved to EN50081 part 1:1992 and EN50082 part 1 and 2:1992/95 with any standard leads or probes supplied.





NAMAS traceable calibration certificates are available on individual units.

# **Special Notes**

When using the units at low temperatures, condensation may form. Before opening the case for any reason, allow the units to reach room temperature.

The IP68 rating is only valid to a depth of 50ft (15m), and only when the connector cap and sensor probe are both securely fitted.

# **Interface Information and Related Products**

#### To use your Tinytag Plus Data Logger you will require:

A suitable sensor probe for your application. (Includes PB-4724, PB-4730, PB-4750, PB-4770). See individual data sheets for details. Tinytag interface cable (CAB-0007), PC with GLM for Windows <sup>™</sup> (SW-0009) or Easyview for Windows 95<sup>™</sup> (SW-0500); or Psion handheld computer, with Tinylink version 2.0 or above (SW-1101) and suitable cable (See Tinylink Data Sheet).

#### **Further Related Products:**

ACS-6000 Trigger Start Magnet

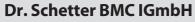
Tinytag Plus Service Kit including battery, seal and silica gel pack. SER-9532

TGP-0017 Tinytag Plus Range G (-40°C to +85°C / -40°F to +185°F) with internal sensor

TG12-0020 Tinytag Plus Range G for Standard probe (-40°C to +125°C / -40°F to +257°F) 12-bit high resolution

# **Applications**

Agriculture **Pharmaceuticals** 



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