Gemini Data Sheet

Tinytag eXtra for Standard Probe
TGX-3020

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E&OE

Mechanical Data

Case Style	IP-68 Instrument
Height	82mm / 3.3”
Width	60mm / 2.6”
Depth	40mm / 1.6”
Mounting holes	4.2mm / 0.16” diameter 70mm / 2.8” separation

Features

Memory Size	8k (Non-volatile)
No. of Readings	7900
Resolution	8 bit
Delayed Start	Relative / Actual up to 45 days
Trigger Start	Magnetic reed switch
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 ➞ +85°C / -40°F ➞ +185°F
IP Rating	IP68
Battery Life	Up to 3 years
Offload Speed	Approx 20 Seconds
Offload Method	Close Proximity

Notes:
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 ➞ +125°C / -40°F ➞ +257°F
Sensor Type	Standard Probe with 10k NTC Thermistor
Resolution	0.4°C at +25°C / 0.72°F at +77°F

Choice of probe 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 BS EN ISO 9001:2000 (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.

UKAS traceable calibration certificates are available on individual units.

Special Notes

Battery replacement recommended every 2 years. We recommend using only replacement batteries from your Tinytag distributor.

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 depths of 15m (50ft) when all connectors are securely covered with caps or suitable approved probes are connected.

Interface Information and Related Products

To use your Tinytag Data Logger you will require:
Tinytag Pad base station (ACS-3020), PC with GLM (SWCD-0009) or Easyview (SW-0500)

You will also require a Standard Thermistor Probe such as PB-4724, PB-4730, PB-4750, PB-4770.

Further Related Products:
SER-9560 Tinytag Extra Service Kit including battery, seal and silica gel pack.

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