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Tinytag

DATA SHEET

Tinytag View 2
Temperature Logger
with Integral Stab Probe
(-30 to +50°C)

TV-4076

Issue 7
9th August 2019
E&OE

Tinytag View 2s are all housed in an attractive IP65 case and have an integral display. All feature high reading accuracy and resolution, large memories, a fast offload speed and a low battery monitor.

With an integral stainless steel probe the TV-4076 is ideal for measuring product core temperatures.
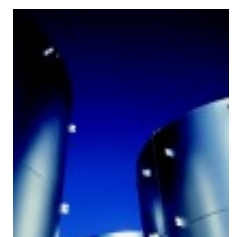
Popular Applications

- Product Production and Storage

- Product Core Temperatures

Features

- Temperature recorder
- LCD display of current readings
- 30,000 reading capacity
- High Accuracy
- High Reading Resolution
- Fast Data Offload
- 2 user-programmable alarms
- Low battery monitor
- User-replaceable battery

Gemini
DATA LOGGERS

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**Tinytag View 2 Temperature Logger
with Integral Stab Probe (-30 to +50°C)
TV-4076**
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Features

Total Reading Capacity	30,000 readings
Memory type	Non Volatile
Display	4 digits + indicators
Display Modes	°C or °F
Display Refresh Rate	Every 2 seconds
Trigger Start	Magnetic Switch
Delayed Start	Relative / Absolute (up to 45 days)
Stop Options	When full After n Readings Never (overwrite oldest data)
Reading Types	Actual, Min, Max
Logging Interval	1 sec to 10 days
Offload	While stopped or when logging in minutes mode
Alarms	2 fully programmable; latchable

Reading Specification

Reading Range	-30°C to +50°C (-22°F to 122°F)
Sensor Type	10K NTC Thermistor
Response Time	15 seconds to 90% FSD in water
Logger Resolution	0.02°C or better
Display Resolution	0.1°C or 0.1°F
Temperature Stability	0.005°C/°C Change from 25°C

Logger Accuracy
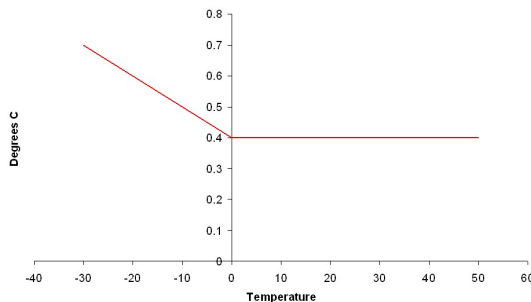
Physical Specification

IP Rating	IP65 splash proof (see notes)
Operational Range*	-30°C to +70°C
Case Dimensions	
Diameter	60mm / 2.36"
Length (inc. probe)	150mm / 5.91"
Width	77mm / 3.03"
Depth	35mm / 1.38"
Weight	95g / 3.35oz

*The Operational Range indicates the physical limits to which the unit can be exposed, not the reading range over which it will record.

Notes

The battery fitted in this product is a single cell containing less that 1g of lithium and meets the requirements of the UN Manual of Tests and Criteria, Part III, Subsection 38.3.

Recommended Battery Types　SAFT LS14250, Tekcell SBAA02P or Eve ER14250

The logger will operate with other ½AA 3.6V Lithium batteries but performance cannot be guaranteed.

Replacement Interval　Annually

Before replacing the battery the data logger must be stopped.

After removing an old battery from a logger, wait five minutes before inserting the new one.

Data stored on the logger will be retained after a battery is replaced.

The clarity of the display may change at extremes of temperature.

If used at low temperatures the data logger should be allowed to warm to room temperature before it is opened to avoid condensation forming inside the unit.

The IP65 rating is valid only when the unit's connector cap is securely fitted.

Calibration

This unit 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 certificate of calibration, traceable to a national standard, can be supplied for an additional charge either at the point of purchase, or if the unit is returned for a service calibration.

Approvals

Gemini Data Loggers (UK) Ltd. operates a Business Management System which conforms to ISO 9001 and ISO 14001.

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Required and Related Products

To use this data logger you will require the following software:

SWCD-0040: Tinytag Explorer software

and a

CAB-0007-USB: Tinytag Ultra/Plus/View USB Download Cable

The SWCD-0040 software and CAB-0007-USB cable can be ordered together in a pack using the part number SWPK-7-USB.

Further Related Products

SER-9500: Tinytag Data Logger Service Kit
ACS-6000: Trigger Start Magnet

data sheet