TEMP101A TEMPERATURE DATA LOGGER



Features

- · 10 Year Battery Life
- ±0.5 °C (±0.9 °F) Accuracy
- Multiple Start/Stop Function
- Ultra High Speed Download
- 2 Million Reading Storage Capacity
- Memory Wrap
- Precision RTD Sensing Element
- · Battery Life Indicator
- · Optional Password Protection
- Programmable High and Low Alarms
- · Field Upgradeable

Benefits

- · Simple Setup and Installation
- Minimal Long-Term Maintenance
- · Long-Term Field Deployment

Applications

- · Cold Chain
- Refrigerator and Freezer Monitoring
- · Vaccine Monitoring
- Warehouse Mapping
- HVAC
- General Purpose Temperature Recording



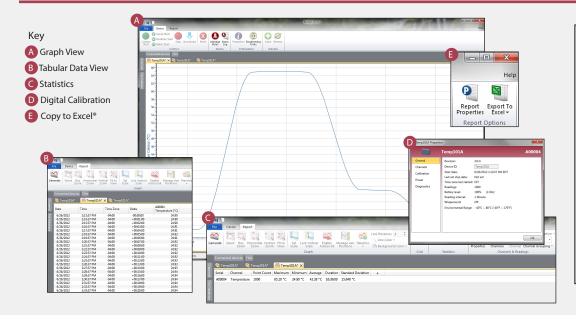
The Temp101A is second to none in the compact, portable and low cost data logger class. This device can measure and record ambient temperature from -40 °C to 80 °C and is approximately the size of a matchbox which allows for easy placement even in tight spaces.

The Temp101A features a pushbutton start/ stop on the device or can be configured to start

and stop using the MadgeTech Data Logger Software, with the ability to schedule a delayed start up to eighteen months in advance. These features combined with the ability to store up to 2,000,000 readings makes the Temp101A the ideal solution for long term temperature deployment and monitoring cycles.

Some common applications for the Temp101A include but are not limited to cold chain and shipping applications, warehouse and facility mapping, HVAC or refrigerator and freezer monitoring.

MADGETECH DATA LOGGER SOFTWARE

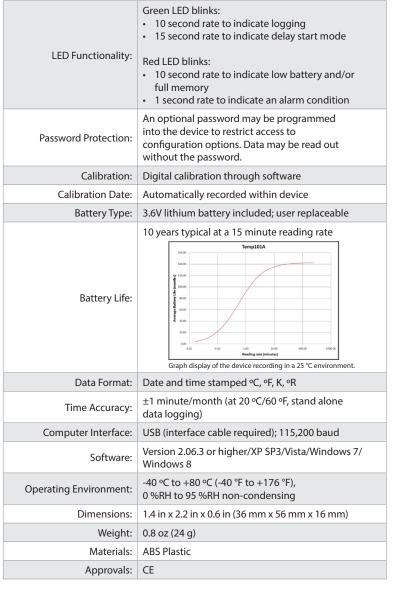


Software Features:

- Multiple graph overlay
- Statistics
- Digital calibration
- Zoom in/zoom out
- Lethality equations (F0, PU)
- Mean Kinetic Temperature
- Full time zone support
- Data annotation
- Min./Max./Average lines
- Data table view
- Automatic report generation
- Summary view
- Multilingual

TEMP101A SPECIFICATIONS*

Temperature Sensor:	Precision RTD Element	
Temperature Range:	-40 °C to +80 °C (-40 °F to +176 °F)	
Temperature Resolution:	0.01 °C (0.018 °F)	
Calibrated Accuracy:	±0.5 °C (±0.9 °F) TEMPIOIAAccuracy 13 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5	
Reading Rate:	1 reading every second up to 1 reading every 24 hours	
Memory:	 2,000,000 readings; software configurable memory wrap 660,000 readings in multiple start/stop mode 	
Wrap Around:	Yes	
Start Modes:	Immediate startDelay start up to 18 monthsMultiple pushbutton start/stop	
Stop Modes:	 Manual through software Timed (specific date and time)	
Multiple Start/Stop Mode:	Start and stop the device multiple times without having to download data or communicate with a PC	
Multiple Start/Stop Mode Activation:	To start the device: Press and hold the pushbutton for 5 seconds, the green LED will flash during this time. The device has started logging. To stop the device: Press and hold the pushbutton for 5 seconds, the red LED will flash during this time. The device has stopped logging.	
Real Time Recording:	The device may be used with PC to monitor and record data in real time	
Alarm:	Programmable high and low limits; alarm is activated when temperature reaches or exceeds set limits	



BATTERY WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT SHORT CIRCUIT, CHARGE, FORCE OVER DISCHARGE, CRUSH, PENETRATE, OR INCINERATE. BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 80 °C (176 °F).

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFIC WARRANTY REMEDY LIMITATIONS APPLY. CALL 1-603-456-2011 OR GO TO WWW.MADFGETECH.COM FOR DETAILS.

ORDERING INFORMATION

MODEL DESCRIPTION	
TEMP101A	Temperature Data Logger
IFC200	Software, manual and USB interface cable
Calibration Certificate	Calibration Certificate available for data logger
LTC-7PN	Replacement battery for Temp101A

For Quantity Discounts call 603-456-2011 or email sales@madgetech.com



