



Trivedi TempTag D100 Temperature and Humidity Data Logger User Manual

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Trivedi TempTag D100 Temperature and Humidity
Data Logger User Manual



TempTag D100 Temperature & Humidity Data Logger operates on LoRAWAN protocol. It includes a built-in Temperature & humidity sensor and has an option to connect to an external Temperature Sensor. It is especially designed for food service application. Device's signal can easily penetrate through stainless steel doors. D100 is fully compatible with LoRaWAN v1.0.3 Class A protocol, it is compatible with a M700 LoRaWAN gateway. The D100 device is a built-in datalogger which can store upto 3000 records. When there is no network coverage, the

device will intelligently store data and push data to cloud when network restores.

TempTag D100 Data Logger

Specifications	
Wireless Protocol	LoRA
Frequency Bands	US915/EU868/AU915/AS923
Built-in Temperature sensor	Measurement Range: -40 to 80°C Resolution: 0.01°C Accuracy: ±0.5°C Long term drift: <0.02 °C/yr
Built-in Humidity sensor	Measurement Range: 0 to 96 %RH Resolution: 0.04 %RH Accuracy: ±3 %RH Long term drift: <0.02 %RH/yr
External Temperature sensor (Optional)	Measurement Range: -55 to 125°C Resolution: 0.0625°C Accuracy for (-10 to +85°C) Range: ±0.5°C Accuracy for (-55 to +125°C) Range: ±2°C
Logging Rate	1 - 60 minutes (Default 15 minutes) – User configurable
Data Logging	3000 Records
Edge Processing	Food Temperature Product Simulation
Battery Type	3V, 2400mAh Lithium Battery
Battery Life	3+ years, typical transmission with 15 minutes interval
Features	Data-logging feature Optional External Sensor Tri-color LED to indicate different status LoRaWAN v1.0.3 Class A protocol
Environmental Rating	IP67
Dimensions	9.2 x 4.25 x 2.9 cm
Weight	65.5 g
Compliance	21 CFR Part 11, FCC, IC, CE, RoHS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions accept any interference received, including interference that may cause undesired operation


Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Contents

- 1 Documents / Resources
- 1.1 References

Documents / Resources

	<p>Trivedi TempTag D100 Temperature and Humidity Data Logger [pdf] User Manual TempTag D100 Temperature and Humidity Data Logger, TempTag D100, Temperature and Humidity Data Logger, Humidity Data Logger, Data Logger</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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