



TAG T1

Dual Interface Temperature Logger

The TAG from TAG Sensors is a printable shipping label with enhanced functionality. It can be printed with your company's brand and shipping information of the goods, and it can also log the temperature of your shipment throughout its journey independent of carriers and transport methods.

The tag can be configured, started and read with your NFC enabled smartphone or industrial UHF RFID readers, both handheld and fixed-mount for automatic data capture.

All temperature data will be available in our cloud portal immediately after each reading. Here you can also configure the behavior of the TAG, and who should be able to read the TAGs data.



Features and benefits:

- ❖ Easy to use
- ❖ Low cost
- ❖ Low initial infrastructure investment
- ❖ Single time use
- ❖ Recyclable as common waste (WEEE)
- ❖ Contains no dangerous substances (RoHS Compliant)
- ❖ Air freight safe (no lithium batteries)

Specifications:

Physical:		NFC Interface:	
Size:	125 mm x 90 mm x 1 mm	Frequency:	13.56 MHz
Temperature range:	-29°C to +50°C -20.2°F to +122°F	Protocol:	ISO/IEC14443 NFCFORUM Type (T2T)
Data logging:		Read distance:	Approx. 5 cm
Memory type:	EEPROM	UHF Interface:	
Memory capacity:	4864 data points	Frequency:	865 MHz – 868 MHz (EU)
Battery:	ZnMn (Alkaline) printed battery 40 mAh @ 1.5 V	ETSI EN 302 208	
Lifetime:	Application dependent Minimum 4 weeks @ -24°C (-11°F)	Protocol:	ISO18000-6C EPC Global Class 1 Gen 2
Logging interval:	Configurable from 5 sec. to 9 hours	Temperature Sensor:	
Delayed start:	Configurable from 1 min. to 45 days	Type:	Internal PN-junction
Clock type:	Internal RC-oscillator	Accuracy:	±0.5°C (±0.9°F)
Clock accuracy:	±1%	Resolution:	0.25°C

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