



RFO-TM7334 Temperature Monitoring UHF RFID-Tag

DATA SHEET

Product Description

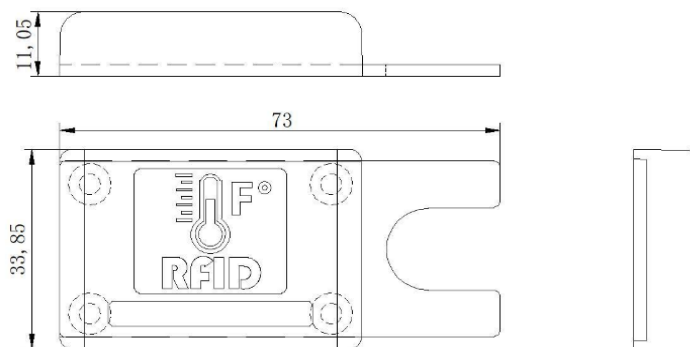
Main Features

The Industrial Temperature Monitoring & Cold Chain Management Tag is a versatile solution designed for reliable item identification and real-time environmental tracking. It is widely used across production lines, electric power supply systems, transportation networks, and global supply chains.

This tag is especially valuable in cold-chain applications, ensuring precise temperature control for food, pharmaceuticals, medical supplies, and other perishable goods. It supports comprehensive logistics and container monitoring, cargo shipment supervision, outgoing quality assurance, and end-to-end source traceability.

By providing consistent, accurate, and easily accessible temperature data, the tag helps maintain product integrity, enhances quality management, and strengthens supervision throughout the entire lifecycle of transported goods.

Product dimensions



Article no:

Typical Applications

- | | |
|-------------------|-------------------|
| •Manufacturing | •Health Care |
| •Security | •Asset management |
| •Waste management | •Food |
| •Logistics | •Transportation |



Functional Specifications:	RFO-TM7334
RFID Protocol	ISO18000-6C GEN2 V2
Frequency	865-868Mhz
IC type	CAB1/VBL7-NC
Memory	ID/UID 112bit+ EPC/Block 192bit+ User File_0 with 512bit+ Reserve 112bit
Write Cycles	
Functionality	Read/write
Data Retention	Up to 50 Years
Applicable Surface	Air-free / On metal
Read Range	600cm (depends on reader)
Option	Custom color printing(Embossing or laser-engraving) with barcode or text & personalization encoding
Additional	Sensor Type: Fork-Type Sensor Temperature Measure: -40°C- 160°C Temperature Accuracy: ±1.0°C (Typical) /± 0.5°C (Specific Calibration)
Physical Specification:	
Size	73 * 34 * 12 mm
Material	PC Housing
Installation	Screw Mount
Antenna Type	Ceramic Antenna
Characters	On Metal Use / Temperature Sensor
Environmenal Specification:	
Data EEPROM Retention	10 years
ESD Limited Voltage	2KV
Operating Temperature / Storage Temperature	-40°C - 170°C / 0°C - 25°C
Relative Humidity	10%-95% (Variant Performance)
Remark	The information above is based on our company's general understanding of the product's characteristics and is provided for reference only. Buyers should evaluate the product under their specific operating conditions to determine its suitability for the intended application. RadioForce guarantees that its products are free from defects in materials and workmanship.

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