

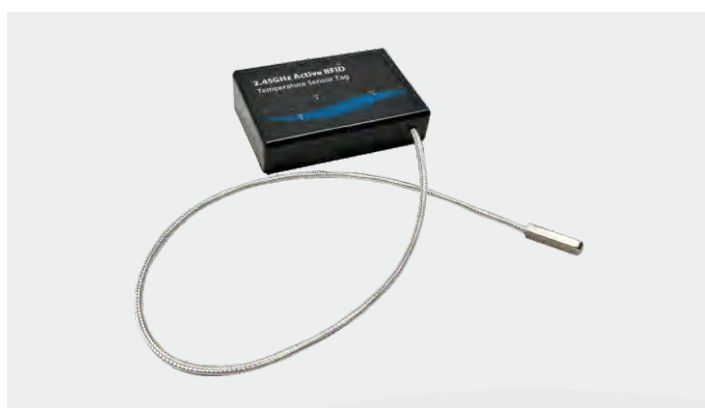
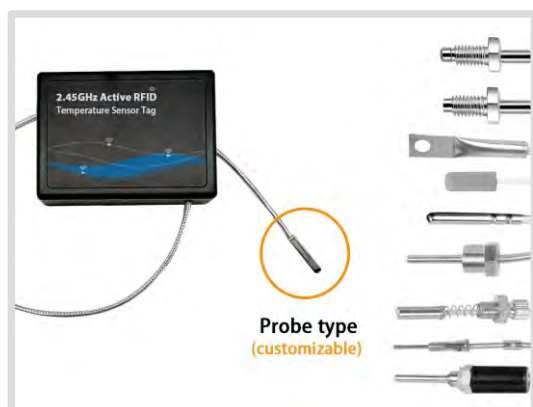


RS-AT11

2.45GHz RFID Active Temperature SensorTag

RS-AT11 2.45GHz RFID Active Temperature Sensor Tag

RS-AT11 is an RFID active electronic tag operating in 2.45GHz frequency band, with an external temperature sensor for more accurate measurement of object and environment temperature. It can send back the reading to reader and backend in real time with wireless.



Functional Characteristics Specification

- Low-power consumption design.
- Long battery life.
- Supports 8-byte basic ID.
- High impact strength PVC engineering plastic shell.
- Instantly collect and send target temperature data, with temperature measurement accuracy of $\pm 2^{\circ}\text{C}$.

RFID Features

Operating frequency	2.4-2.48GHz
Output power	0dBm
Sending interval	1s/time (can be customized)
Reading distance	>80 meters (Open environment)
Measurement range	0 ° C ~ +210 ° C
Measurement accuracy	$\pm 2^{\circ}\text{C}$

Physical Features

Dimensions	55mm×58mm×20mm
Weight	75.6g
Working Temp	-30°C~+70°C
Storage Temp	-40°C~+80°C
Tagging	Sewing, Insert
Working Humidity	5%~95% (Without condensation)
Sensor type	PT100 platinum resistance temperature sensor
Probe wire	Three-core silver plated PTFE mask wire
Wire length	30cm (can be customized)
Probe type	Square (can be customized)



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