RS-AT11

2.45GHz RFID Active Temperature SensorTag

RSTC

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RS-AT11 is an RFID active electronic tag operating in the 2.45GHz frequency band, with an external temperature sensor for more accurate measurement of object and environmental temperature and send the data in realtime.

Functional Characteristics

- 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 ± 1 ℃.

Specification

Physical Features	
Dimensions	55x58×20mm
Working Temp	-30℃~+70℃
Storage Temp	-40℃~+80℃
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 (customizable)
Probe type	square (customizable)

RFID Features	
Operating frequency	2.4-2.48GHz
Output power	0dBm
Sending interval	1 second
Reading distance	>80 meters (Open environment)
Measurement range	0°C~+210°C
Measurement accuracy	± 1°C

RuiSing Technology Company (Hong Kong) Limited

🌐 www.rstc-hk.com   📠 +86-755-2692 2853   ✉ sales@rstc-hk.com

📍 **HONGKONG**   Unit D16/F, One Capital Place, 18 Luard Road, Wan Chai

📍 **SHENZHEN**   9/F, Xinjing Mansion, Xinqu Blvd, Longhua District