

Discover the future of temperature sensing.

Sensor options for moisture, pressure, strain, and other parameters.

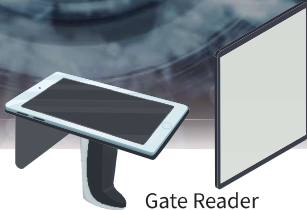
SENSOR Tag System series

Unlock the Power of IoT Connectivity with SES Sensor Tag System Series!

Unlocking Precision with SES Software!



Cloud database

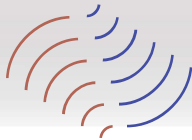


Gate Reader



SES
industrial

System software



Coupling booster antenna

Sensor

UMTX

Temperature sensor

- 2 x 2 x 1.5 mm
Micro antenna module
- Coupling booster antenna

ZEUSTX

Temperature & Humidity sensor Temperature & Pressure sensor

- PCB sensing area
- Coupling booster antenna

Software

Design and Developed by SES
Sensor software available to be downloaded.

Software Temperature Accuracy
-40°~ +125°C ±1°C (with SES software)

Join the IoT revolution with the SES Sensor Tag System

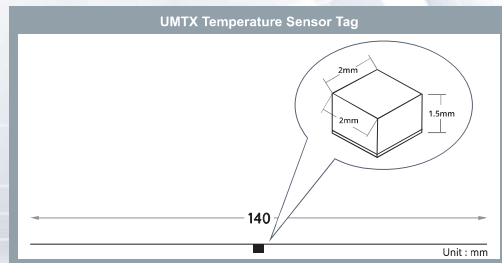
Connected Devices IoT

UMTX Temperature Sensor Tag

UMTX Temperature Sensor Tag designed with UMTX micro antenna module and combined with a patented coupling booster antenna, it enhances reading distances of up to meters.

SES designed and developed high Accuracy Sensor Software, ensuring precise monitoring in diverse industry environments. Temperature monitoring software available to be downloaded.

The UMTX temperature sensor tag is compliant with RAIN RFID, ISO 18000-63, and EPC global Gen2v2 standards.



Specification	UMTX Temperature Sensor Tag
Chip Type	Magnus S3E
Frequency	Supports global ETSI / FCC frequency bands
Software Temperature Accuracy	-40°C ~ +125°C ± 1° C (with SES software)
Storage Temperature	(-40° to +125° C)
Operating Temperature	(-40° to +125° C)
Environmental Testing Conditions	200°C, 30 min high temperature testing
Feature	Rugged design, can be vulcanized in rubber, waterproof, wide temperature range

Application

Temperature monitoring system in various Industrial applications:

- Construction
- Healthcare
- Automotive industry
- Automotion
- Oil and Gas industry
- Chemical Industry
- Logistic & Transportation

Key Technology Highlights

- Temperature monitoring.
- Sensor options for moisture, pressure, strain, and other parameters on request.

Key Benefits

- Efficient temperature monitoring capability.
- High performance achieved through ultra-small compact tags combine with coupling antenna with a read range of up to meters.
- Cost-effective and user-friendly solution for condition monitoring.
- Customizable sensor options available for humidity, pressure, and other strain parameters upon request.



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Picture Designed by Freepik

We are connecting