

Discover the future of temperature sensing

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

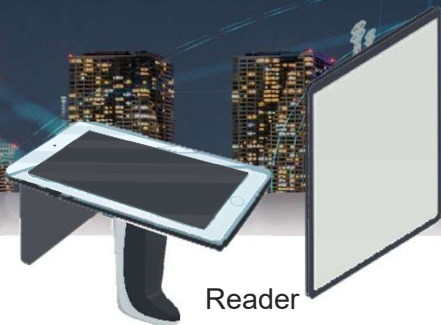
SENSOR Tag System series

Unlock the power of IoT connectivity with SES Sensor Tag System series!

Unlocking precision with SES Software!

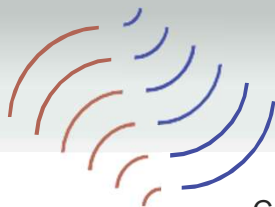


Cloud database



Reader

System Software



Coupling booster antenna

Sensor module

UMTX

Temperature Sensor Tag

- 3x3x1.5mm
- Micro antenna module
- Coupling booster antenna

ZEUSTX

Temperature & Humidity Sensor Tag Temperature & Pressure Sensor Tag Temperature & Strain Sensor Tag

- PCB sensing area
- Coupling booster antenna

Software

Designed and Developed by SES

Sensor software is available for download

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

Join the IoT revolution with the SES Sensor Tag System

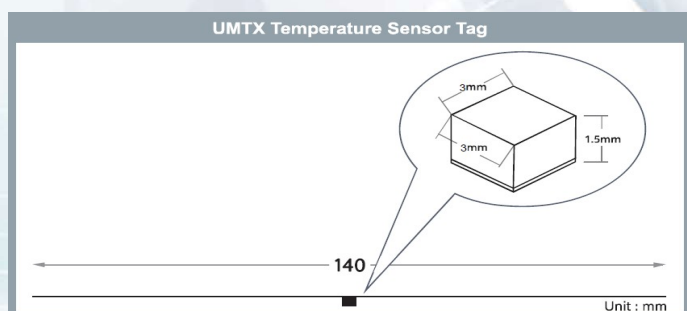
Connected Devices IoT

UMTX Temperature Sensor Tag

UMTX Temperature Sensor Tag is designed with UMTX micro antenna module and combined with a patented coupling booster antenna, it enhances reading distance to >1 meter.

SES designed and developed high-accuracy sensor Software, ensuring precise monitoring in diverse industry environments. Temperature monitoring software is available to be download.

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



Product Number	TAG3NENENE-000
Chip Type	AS3213T
Micro antenna module Size (mm)	3x3x1.5
Frequency	Supports global ETSI/FCC frequency bands
Software Temperature Accuracy	-40~+125°C±1°C (with SES Software)
Storage Temperature	-40~+125°C
Operating Temperature	-40~+125°C
Environmental Testing Conditions	200°C, 30 minutes high temperature testing
Feature	Rugged design, can be vulcanized in rubber, waterproof, wide temperature range.

Application

Temperature monitoring system in various industrial applications:

- Construction
- Automotive industry
- Oil and Gas industry
- Logistics and Transportation
- Healthcare
- Automation
- Chemical industry

Key Technology Highlights

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

Key Benefits

- Efficient temperature monitoring capability.
- High performance achieved through ultra-small compact tags combined 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, strain, and other parameters upon request.



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Picture Designed by Freepik

We are connecting