

# smaXtec **CLIMATE SENSOR**



The **smaXtec Climate Sensor** is designed to provide continuous measurement of environmental factors such as outside temperature and humidity levels. This data is also transmitted wirelessly to the smaXtec Base Station or smaXtec Repeater. The number of smaXtec Climate Sensors required is dependent on the size of the cow shed.

## **BENEFITS OF CLIMATE MEASUREMENTS IN THE COW SHED:**

- THI (Temperature Humidity Index) – heat stress risk
- Cow shed temperature and humidity level

## **TECHNICAL DETAILS:**

- Modell: US-5046 (for North and South America); CS-5046 (for EU and other countries)
- Dimensions: 120 × 90 × 50 mm (L × W × H)
- Dustproof and waterproof plastic casing (IP 66)
- Internal antenna
- Interne Lithium Metal Battery
- Measurement interval: 10 min
- Measurement range (relative humidity): 0–100 % RH
- Measurement range (temperature): –40 – +80° C / –40 – +176° F
- Measurement accuracy (temperature; 5–60° C / 41–140° F): ±0.3° C / ±0.54° F
- Measurement accuracy (relative humidity; 20–80 % RH): ±2 % RH
- Battery life: up to 5 years