

Senstick Probe Temperature Food STF40

Senstick is an award-winning LoRaWAN sensor. It is designed to operate autonomously for up to 7 years in harsh environments. It is suitable for wide variety of applications where reliable and case specific solution is needed. STF40 is a cost-effective food temperature sensor.

Key features

- Harsh environments
- Rigidized housing
- Easy installation
- Motion detection
- NFC configuration

Applications

- Food temperature
- Food storage temperature
- Cooking temperature



Technical specification



Enclosure	
Weight	170g w/ batteries / 230 g with batteries
Dimensions	Casing: 105mm x 25mm / Probe: 4mm x 170 mm
Cable length	1.5 m or custom
Materials	UV stable plastic
IP rating	IP68
Operating conditions	
Temperature	-40°C to +85°C
Humidity	0 to 100% RH
Power supply	
Battery type	1 x 3.6V AA Lithium
Expected operation	<7 years (depending on sampling, signal, environment)
Configuration	
Sending interval	Configuration via NFC and downlink
Data upload interval	Configuration via NFC and downlink
NFC configuration	Native Android App

Datasheet

Release: 3.8.2023
Version: 1.0

senzemo

Connectivity

Wireless Technology	LoRaWAN® 1.0.3
Wireless Security	LoRaWAN® End-to-End encryption (AES-CTR), Data Integrity Protection (AES-CMAC)
LoRaWAN Device Type	Class A - End-device
Supported regions	US902-928, EU863-870, AS920-923, AU915-928
Link Budget	137dB (SF7) to 151dB (SF12)
RF Transmit Power	14dBm (Region specific)

Sensors

Food temperature probe

Range	-40°C to +380°C (Possible with custom probes - contact sales)
Accuracy	±0.5°C

Acceleration

Range	±2g to ±16g
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Accessories

MPOM40	Snap-on mounting kit
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