



## Smoke Hatch Sensor

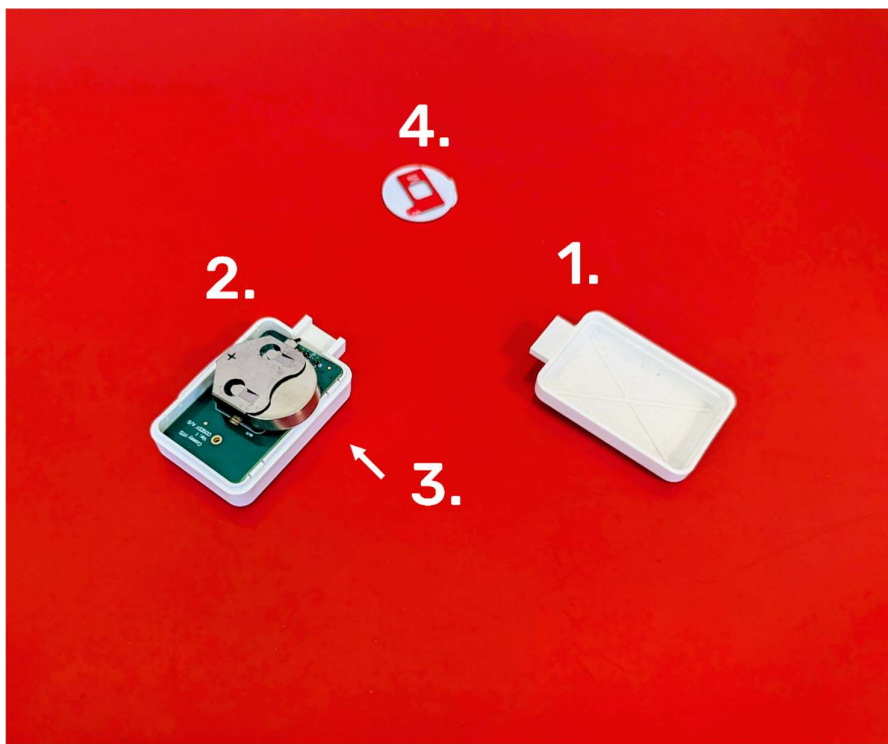
### 01136

A sensor for monitoring status of a smoke hatch.  
Fits any hatch model.  
Monitors the environment and reports temperature, humidity and the angle of the smoke hatch top frame.  
Notifications and alerts on exceeded limits, time limits and open/close operations.



## The parts

1. Enclosure
2. Sensor
3. Battery
4. NFC tag





Basic	DIMENSIONS 71 x 25 x 9 mm + 34 x 21 x 19 mm	WEIGHT 25 g
	PLACEMENT: Taped inside the smoke hatch's top frame	COLOR: White
	MATERIALS: Polymer	INGRESS PROTECTION IP 20
	OPERATING TEMPERATURE -30°C to +50°C	OPERATING HUMIDITY Up to 75% non-condensing
Technical	BATTERY: 1 x CR2477 (3.3V Lithium)	OPERATING VOLTAGE 2.1-3.3V
	LOW BATTERY VOLTAGE: 2.3V	CALCULATED BATTERY LIFE 5-9 years (26 daily transmissions)
	FREQUENCY 868 MHz	WIRELESS RANGE Range in free field:>300m
	MAX. TRANSMIT POWER 20 dBm	PROTOCOLS Proprietary wireless protocol
	TEMPERATURE -30°C to +50°C +/-0.5	HUMIDITY 0-75% +/-2
	ACCELEROMETER Open detection <5° (slim opening) Angle accuracy < 2°	DATA TRANSMISSION 1 per hour Response to angle change: after 10 s
	LEDs Green – on radio transmitting	
	DETECTS Angle Humidity Temperature Durations (time)	NEAR FIELD COMMUNICATION (NFC) Sensor type Sensor id



Connectivity and Interfaces	ACCESS TO DATA Apps and Email and phone notifications. Options for MQTT, API	
(Requires one Data Collector per building)	CLOUD CONNECTION Options for Cellular LTE-M and Ethernet	ON-PREMISE CONNECTIONS RJ-45 WiFi BLE MQTT, Terminal blocks, software adapters etc.
Certifications	CE  ETSI EN	RoHS
Other information	MANUFACTURED In P.R.C.	DESIGNED BY COSESY A/S Viengevej 100 8240 Risskov Denmark