

T COMPACT SENSOR



- ① measures temperature
- ② food grade
- ③ small and compact
- ④ flexible installation
- ⑤ IP68 casing

business critical real-time temperature readings for supermarkets and cold storage with a small form factor and food grade casing.

Aranet T Compact sensor - business critical real-time temperature readings for supermarkets and cold storage with a small form factor and food grade casing.

Aranet T Compact sensor Datasheet	
Measurements	Temperature
Line of Sight Range	3km / 1.9mi
Operating environment	Indoor and Outdoor use
Transmitter power	14 dBm
Frequency	Depends on base station instructions
Measurement Range	-40°C to 60°C (-40°F to 140 °F)
Measurement accuracy	-10°C to 60°C / 14°F to 140°F 0.4°C / 0.7°F -40°C to -10°C / -40°F to 14°F 0.5°C / 0.9°F
Response time	τ63% - 8 minutes at 1 m/s airflow
Data Transmission	1, 2, 5, 10 minutes*
Data Protection	Data encryption
Power options	1 AAA Alkaline battery (Zn/MnO ₂) 1 AAA Lithium battery (Li/FeS ₂)
Battery life @20°C / 68°F	Up to 5 years with Alkaline battery Up to 7 years with Lithium battery
Operating temperature	-20°C to 55°C/ -4°F to 131°F with Alkaline battery -40°C to 60°C/ -40°F to 140°F with Lithium battery
Operating humidity	0% to 100%
Dimensions	30mmØx77mm/ 1.2"Øx3"
Weight	30g (1.05oz) with Alkaline battery 28g (1oz) with Lithium battery
Construction	ASA Plastic
Protection class	IP68
Marking	CE, FCC
Compatible base stations	Aranet PRO and Aranet MINI
Included	1 AAA Alkaline battery, string
Part number	TDSPT004 (EU)
Accessory part number	TDAPMB01 (EU)

* 1, 2, 5, 10 min interval supported from Aranet PRO v1.3.2 and Aranet MINI v3.20.