

Aranet 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.

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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	30 mmØ x 77 mm / 1.2"Ø x 3"
Weight	30 g (1.05 oz) with Alkaline battery 28 g (1 oz) 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	TDSPT104 (EU), TDSPT1U4 (NA), TDSPT1R4 (RU)

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