

T-PROBE SENSOR



- ① monitors solid surface, soil, liquid and air temperature
- ② up to 3km / 1.9mi range
- ③ IP68, designed to endure the harshest environments
- ④ up to 10 meters of probe length
- ⑤ flexibility of installation
- ⑥ temperature range
-55°C to 105°C / -67°F to 221°F

for HVAC environmental controls, temperature monitoring systems inside buildings, equipment, or machinery, process monitoring and control systems.

Aranet T-probe wireless sensor monitors solid surface, liquid and air temperature. The probe can be placed in liquids, or places that require close contact temperature measurements, like heating pipes or soil.

Aranet T-probe 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	-55°C to 105°C / -67°F to 221°F	
Temperature measurement accuracy	85°C to 105°C/ 185°F to 221°F	Up to 2°C/ 3.6°F
	-10°C to 85°C/ 14°F to 185°F	Up to 0.5°C/ 0.9°F
	-55°C to -10°C/ -67°F to 14°F	Up to 2°C/ 3.6°F
Response time	±63% - 45 seconds at 1 m/s airflow	
Data Transmission	1, 2, 5, 10 minutes*	
Data Protection	Data encryption	
Power options	1 AA Alkaline battery (Zn/MnO ₂) 1 AA 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	35mmØ x 120mm / 1.4"Ø x 4.7"	
Weight	88g / 3.1oz with Alkaline battery (1m / 3.2ft probe) 79g / 2.8oz with Lithium battery (1m / 3.2ft probe)	
Construction	ASA Plastic	
Probe length	0.3m / 1m / 5m / 10m 0.9ft / 3.2ft / 16.4ft / 32.8ft	
Protection class	IP68	
Marking	CE, FCC, IC	
Compatible base stations	Aranet PRO and Aranet MINI	
Included	1 AA Alkaline battery, string	

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

Vertrieb durch:



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