



Aranet T-probe Datasheet

Aranet T-probe SENSOR

Measurements	Temperature	
Line of Sight Range	3 km/ 1.9mi	
Operating environment	Indoor and Outdoor use	
Transmitter power	14 dBm	
Frequency	Depends on gateway instructions	
Measurement range	Temperature	-55°C to 105°C -67°F to +257°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	0,5°C/ 0.9°F
	-55°C to -10°C/ -67°F to 14°F	Up to 2°C/ 3.6°F
Data Transmission	Every 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 7 years with Alkaline battery	
	Up to 10 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% non-condensing*	
Dimensions	35mmØx120mm/ 1.4inØx4.7in	
Probe length	0,3/1/5/10m 0.9ft/3.2ft/16.4ft/32.8ft	
Weight	88g/3.1oz with Alkaline battery (1m/3.2ft probe)	
	79g/2.8oz with Lithium battery (1m/3.2ft probe)	
Construction	ASA Plastic	
Protection class	IP68	
CE Marking	Yes	
Included	1 AA Alkaline battery, string	

* Recommended humidity operating range is 20% to 80% .RH (non-condensing) over -10 °C to 60 °C/ 50°F to 140°F. Prolonged operation beyond these ranges may result in a shift of sensor reading, with slow recovery time.

Terms of use The Customer is obliged to guarantee the usage, maintenance and preservation of the Equipment at their own expense in a way that excludes the Equipment's theft, loss, destruction, harming and/or damaging (including as a result of mechanical damages, moisture, liquid related damages, lightning and/or other similar events).