

Aranet T/RH IP 68 sensor

Measurements	Temperature	
	Relative Humidity	
Line of Sight Range	Up to 3 km / 1.9 mi	
Operating environment	Indoor and Outdoor use	
Transmitter power	14 dBm	
Frequency	Depends on base station instructions	
Measurement range	Temperature	-40°C to 60°C/-40°F to 140°F
	Relative Humidity	0% to 100%
Temperature measurement accuracy	-10°C to 60°C/14°F to 140°F	0.4°C/0.72°F
	-20°C to -10°C/-4°F to 14°F	0.6°C/1.08°F
	-40°C to -20°C/-40°F to 14°F	0.9°C/1.62°F
Relative Humidity measurement accuracy	0 to 80% @ 30°C/86°F	4%RH
	80% to 95% @ 30°C/86°F	6%RH
Response time T63%	4 minutes 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 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% *	
Dimensions	35mmØx120mm/ 1.4inØx4.7in	
Weight	59g (2.1oz) with Alkaline battery	
	51g (1.8oz) with Lithium battery	
Construction	ASA Plastic	
Membrane	GORE	
Protection class	IP67	
Marking	CE, FCC	
Compatible base stations	Aranet PRO, Aranet MINI	
Included	1 AA Alkaline battery, string	