



Technical Specifications Wireless Temperature/Humidity Probe

General	
Model	WTHP 001
Dimensions	40mm x 60mm x 65mm
Mounting method	Brackets
Weight	50g
Environment	
Operating Temperature	-40°C to +60°C
IP Rating	IP66
Storage Temperature	5 to 40°C
Electrical Specifications	
Operating voltage	3.6V internal battery
Optional External Power Source	5vdc to 28vdc
Current Consumption	Standby current: $\pm 60\mu\text{A}$
	Active Current (Sampling and Transmission): $\pm 20\text{mA}$
Battery Pack Specifications	
Battery capacity	2.7Ah
Battery operating voltage	3.6V
Battery technology	Lithium-Thionyl Chloride(Li-SOCl ₂) Non-rechargeable
Auxiliary Inputs and Outputs	
Analog Inputs	1 (4-20mA)
RF Information	
Bandwidth	433 MHz
Range	80 meters line of sight alternatively 50m
Temperature sensor	
Sensor Temperature Range	-55°C to +125°C
Sensor Temperature Accuracy	$\pm 0.2^\circ\text{C}$
Sensor Humidity Range	0 to 100%
Sensor Humidity Accuracy	$\pm 2\%$