



Technical Specifications Wireless Probe

General	
Model	WTP 001
Dimensions	40mm x 60mm x 65mm
Mounting method	Brackets
Weight	50g
Environment	
Operating Temperature	-40°C to +60°C
IP Rating	IP66
Shock	Mil-Std-810F
Vibration direct mounting	Mil-Std-810G
Storage Temperature	5 to 40°C
Mechanics: Free fall	IEC-60068-2-32
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	
Digital Inputs	2
Analog Inputs	2 (4 – 20mA)
Outputs	1 (TTL)
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	$\pm 0.5^\circ\text{C}$
Sensor Resolution	0.0625°C steps
Certification	
ICASA	TA-2014/1679