



PRODUCT SPECIFICATIONS

TraceNet™ Triton

WIRELESS RTD TRANSMITTER

BATTERY LIFE EXPECTANCY



Product:		WT Series (LCD)	SM Series	GP Series
Area Classification:		Class I, Division 1, Zone 0, T3	Class I, Division 1, Zone 0, T3	Ordinary Location
Transmit Interval	Temperature (°C)	Life Expectancy (Years)	Life Expectancy (Years)	Life Expectancy (Years)
900 MHz				
30 Seconds	20	7.2	6.9	6.9
	-20	5.8	5.6	5.6
	-40	4.3	4.2	4.2
60 Seconds	20	10.0	10.0	10.0
	-20	10.0	10.0	10.0
	-40	8.0	7.5	7.5
2.4 GHz				
3 Minutes	20	6.5	6.1	6.1
	-20	4.9	4.6	4.6
	-40	3.8	3.5	3.5
4 Minutes	20	7.0	6.5	6.5
	-20	5.3	4.9	4.9
	-40	4.1	3.8	3.8
5 Minutes	20	7.0	7.0	7.0
	-20	5.3	5.3	5.3
	-40	4.1	4.1	4.1

MAXIMUM RADIO FREQUENCY RANGES



Gateway	Maximum RF Range	
	Antenna Type	Meters
900 MHz		
Bulkhead	1500	5000
Omni	2100	7000
Yagi	2300	7500
2.4 GHz		
Bulkhead	1000	3100
Omni	1800	5800
Yagi	3200	10500

All max RF range data are for reference only with clear line of sight between antennas. Actual range may vary depending on location, interference, weather, antenna and cable setup, and line of sight.

One transmission per interval without any retries were used to calculate battery life. The data only applies to a new batteries installed with transmitters. Actual battery life may vary depending on several factors including but not limited to environmental conditions, application, and usage. Use data shown below only as a general point of reference. Specifications, design, and product descriptions subject to change without notice.

Contact Thermon for application-specific information, information relating to regional certifications, etc.