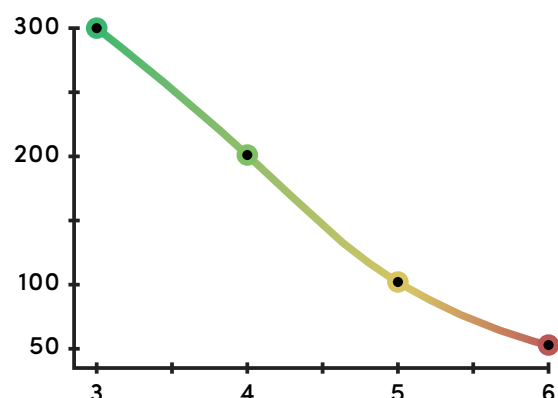


Radio Specifications

Frequency	433.39MHz
Modulation	FSK
Bit Rate	100kbps
Bandwidth	50kHz
Antenna Type	PCB
Nominal Output Power	14dBm
Receive Sensitivity	-126.2kHz
Security	128Bit AES Encryption
Spurious Emissions	30 - 1000MHz: < -56dBm 1 - 12.75GHz: < -44dBm 1.8 - 1.9GHz: < -56dBm 5.15 - 5.3GHz: < -51dBm

Battery Life vs. Daily Activations

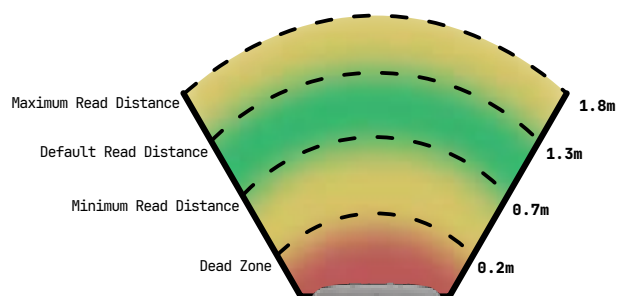


Note: Battery Life is dependant on many factors, including daily activations, time used per activation, radar range & external conditions

Power, Physical & Environment

Power	4 x 3.6V 2700ma
Dimensions	224 x 224 x 36mm
Weight	1000g
Environment	- Designed for above ground mounting - IP68 Ingress Protection
Operating Temp	-40° - 80° C
Standby Power	14µA
Activation Power	40µA

Radar Read Distance



Radar detection range. Spanning from a 60° FOV from the e-LOOP, these are range zones. The Minimum Read Distance is 0.2m. The Default Read Distance is 1.8 & the Maximum Read Distance spans up to 2m.

Compliance

Safety	Tested to CC
EMC	Tested to: EN 301 489-1 V2.2.3 "ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility" Including a) Emissions to EN 55032 "Electromagnetic compatibility of multimedia equipment". b) Transmitter and

Magnetometer Range

