

TWS-1920

Wireless Sounder and Beacon

The TWS-1920 can function as a sounder, beacon, or both simultaneously, depending on project requirements. It operates with 4 x CR123A batteries and communicates entirely wirelessly with the wireless coordinator. It offers 3 adjustable sound levels and beacon modes.



General Features

- low power consumption, two-way safe and stable wireless communication protocol (TLPWAN)
- Adaptive power management algorithm for ultra-low power
- Standard, low-cost lithium battery
- Low battery and tamper warning
- Selectable ping time for optimizing battery lifetime
- Up to 8 Years Battery Lifetime with 4 x CR123A Battery
- 3 different sound levels, 24 different sound tones
- 3 different beacon modes
- EN 54-23, EN 54-3, and EN 54-25 certified
- Approx. 1250m Wireless Coverage (Open Air)

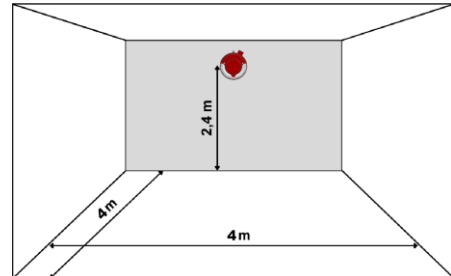
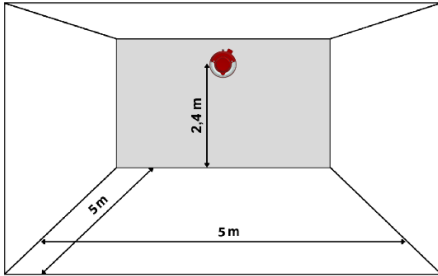
EN 54-3

EN 54-23

EN 54-25

Technical Specifications

	TWS-1920
Standards	EN 54-23, EN 54-3 and EN 54-25
Operating Frequency	868MHz
Power	Max. 14 dBm (25mW)
Number of Channel	10
Coverage	Approx. 1250m (Open Air) (Varies in Indoor Settings; Depends on Installation)
Number of Siren Tones	24 tone (Default tone: Nr1)
Level of Siren Tones	3 (Low / Medium / High)
Battery	Up to 8 Years Battery Lifetime with 4 x CR123A Battery
Usage Area	Indoor Area
Sound Level	80 dB±5 dB / 85 dB±5 dB / 90 dB±5 dB (@1 meter)
Protection Class	IP21C
Flash Mode	3 (Slow, Normal, Fast)
Leds	Wide Angle 16 pcs Bright LED (White) Notification Led (Green) / flashes in 20sec periods
Piezo	Piezo with leakproof seal
Humidity	@ +40°C between 0% and 95%
Operating Temperature	-10°C ~ +55°C
Weight (incl. base)	285 gr / 220 gr (Batteries not included)
Dimensions (mm)	Ø:110mm, h:48mm
Material	UL94 V-0 flame-retardant material (Red, Transparent)



Beacon Mode

Beacon Type

Category

Slow	Slow mod 0.5 Hz pwm signal (%4 duty)	W-2,4-4
Normal	Normal mod 0.5 Hz pwm signal (%5 duty)	W-2,4-5
Fast	Fast mod 1 Hz pwm signal (%8 duty)	W-2,4-4

