

UWB Explosion Proof Audible LED Beacon



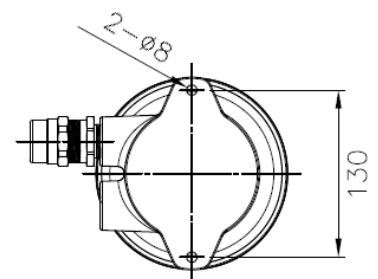
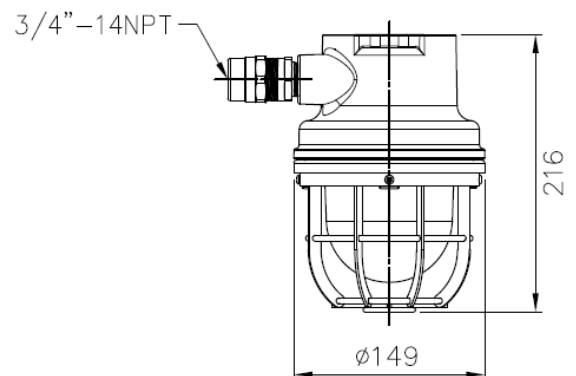
UWB tag adopts UWB wireless two-way high-frequency communication. A number of tag designs are made to meet different environmental conditions. The technology and application enable to detect unexpected incidents and to monitor real-time locations of mobile objects. Besides, the provision of API enables to integrate with customer's existing software. The RTLS system is designed to be scalable so that it can be easily deployed for tracking hundreds of objects. The firmware and hardware can be customized for customer's requirements.



■ Specifications

1. Protocol & Frequency : 802.15.4a UWB 3.25GHz~6.75GHz
2. Coverage : Maximum 50M line-of-sight
3. EIRP : -1.60dBm / 50mHz
4. Antenna gain : 2dBi
5. Installation mode: Wall mounted
6. LED Display : Speaker treble and LED rotation alarm
7. Peripheral Device : It includes gsensor, loudspeaker (adjustable treble, maximum volume $\geq 90\text{dB}$) and led rotation alarm (standard), and PA (optional) can be expanded for use in case of functional needs of the environment
8. Power : DC +8V~55V(Wide voltage)
9. Dimention & Weights : body 149×149×216(mm)/ 2.4g (Without bracket and wire)
10. Protection level : Explosion-proof level and material : Ex d IIB T6 Gb X, explosion-proof, dust-proof and splash-proof, suitable for harsh environment (explosion-proof certificate is available upon request).
Body material: aluminum alloy molding, powder coating, passed 1000 hours salt spray test.
Lamp shield: tempered glass shield, galvanized steel corrosion-resistant baking paint shield.
Certified by: Industrial Technology Research Institute (ITRI)
11. Model No : UTAG-SL90-EX
12. Applied area: Anti collision alarm, Zone 1 and Zone 2 Hazardous Areas

■ Dimention



- * Allowable error of dimension: $\pm 5\%$
- * The dimensional tolerance shall be subject to the actual product quantity

