

The uBeacon UWB beacon positioning system is a system level solution based on UWB positioning technology, with a positioning accuracy of up to 10cm. The positioning beacon has unlimited capacity, and it has ultra-low power consumption characteristics to achieve ultra long endurance and no wiring deployment. It is suitable for scenarios such as smart factories, chemical power, exhibition halls, smart supermarkets, smart parking, smart elderly care, and smart hospitals.

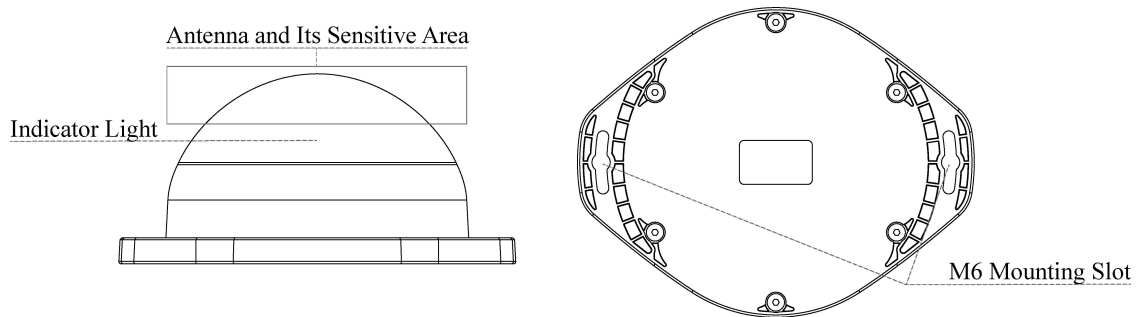
## U1H



| Parameters             | Typical                      |
|------------------------|------------------------------|
| Model                  | U1H                          |
| Dimensions             | 136.5*106.5*63.0mm           |
| Weight                 | 410g                         |
| Antenna                | Internal Antenna             |
| Wireless Technology    | UWB                          |
| Positioning Technology | DL-TDOA                      |
| Working Frequency      | 8.0GHz                       |
| Coverage Radius        | Typical 50m, Open Space 100m |
| Networking Method      | MESH                         |
| Battery Life           | 5 years <sup>[1]</sup>       |
| Battery Replacement    | Replaceable Battery          |
| Protection             | IP67                         |
| Operating Temperature  | -30°C ~ 70°C                 |
| Storage Temperature    | -40°C ~ 85°C                 |

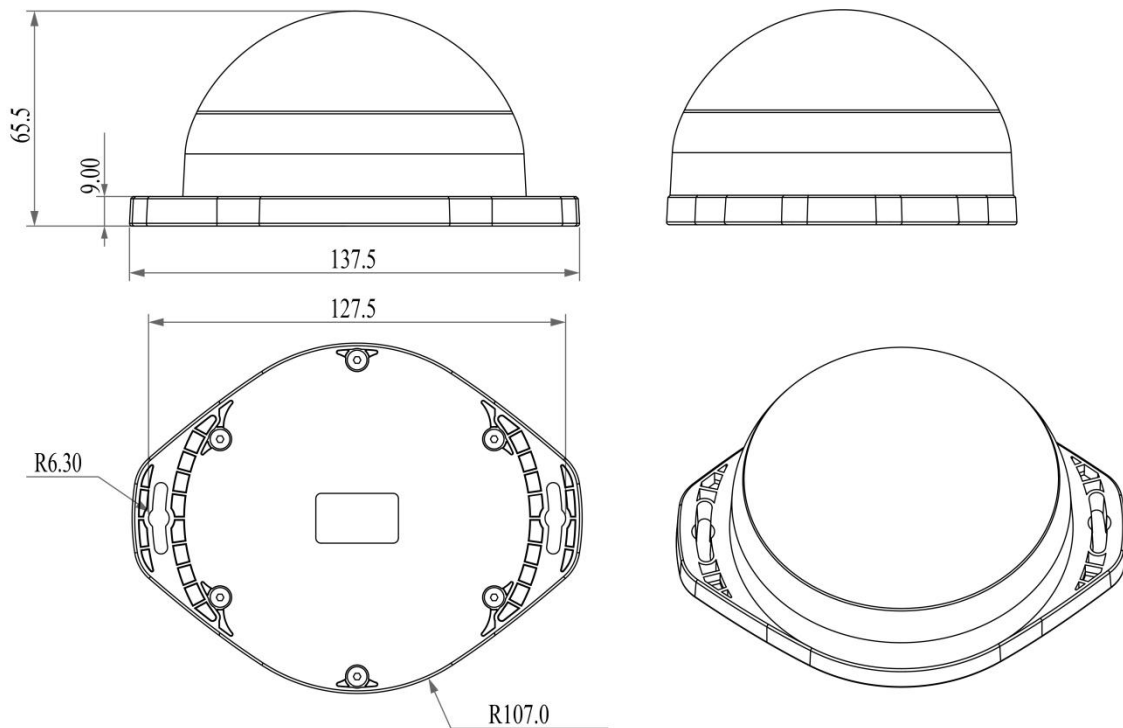
[1] 1Hz positioning frequency, room temperature environment. Actual battery life is related to the usage environment.

## Structure



## Dimensions

Unit: mm



## Contact

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