



### Feature

- \* Using IR-UWB pulse mode, featuring strong anti-interference ability and low power consumption.
- \* Using with the matching antenna and converter, the positioning can be more accurate.
- \* The ranging accuracy reaches 10cm (standard deviation).
- \* Characterized by short coverage, high precision, low power consumption, easy deployment, strong anti-interference ability, etc.
- \* Support multiple installation methods and cascading to shorten installation time and reduce wiring difficulty.
- \* Support MQTT3.1 protocol, convenient for secondary development.

### Specification

Type	External rod antenna
Maximum communication distance	500m
Recommended distance	300m
Supply voltage	[3.6,5.5]v
Power consumption	1.35w
Working frequency band Mhz	[3744,4243][4243,4742]
Communication Interface	USB、UART
1D and 2D accuracy	10cm
3D accuracy	30cm
Operating temperature	[-20,85]°C
Shell material	Aluminum alloy
Product Size	46.3mm*56mm*12mm (excluding antenna)
Product weight	34.3g (excluding antenna)
Size	85.5*φ9.3mm
Weight	8.72g