

GT-130

UWB Tag – Badge Type



- ✓ IEEE 802.15.4a UWB
- ✓ BLE 5.0
- ✓ IPX6
- ✓ SOS alert
- ✓ Vibration, Buzzer
- ✓ RFID

Specifications

Mechanical & Environmental

Standard	<ul style="list-style-type: none">• IEEE802.15.4a• BLE 5.0
Size (mm)	88 x 56 x 9.1
Weight (g)	40
Power Requirement	+5V DC-in w/ Magnetic Charging Cable
Power Consumption	< 1W (Instant)
Battery Life	<ul style="list-style-type: none">• ToF: 2+ months@1Hz w/ smart sleep• TDoA: 3+ months@1Hz w/ smart sleep
Blink Rate	0.1 ~ 20Hz (Adjustable)
LED	<p>Three Color LED:</p> <ul style="list-style-type: none">• Red Flicker: Low Power Status• Green Flicker: Flash while uwb is working• Blue Flicker: Charging Status / BLE connecting mode• Blue Light: Charging Full
Temperature	<ul style="list-style-type: none">• Operating: -20°C ~ 60°C• Storage: -30°C ~ 70°C
Humidity	<ul style="list-style-type: none">• 40°C @ 95% Relative Humidity, Non-condensing
IP Rating	IP X6
Functions	<ul style="list-style-type: none">• SOS alert• Vibration• Buzzer• Smart Rest Mode• RFID

UWB

Frequency	<ul style="list-style-type: none">• 4492.8MHz (CH3)
Physical Rate	<ul style="list-style-type: none">• 110 Kbps• 850 Kbps• 6.8 Mbps
Channel Frequency Width	500 MHz
Working Mode	<ul style="list-style-type: none">• ToF• TDoA

BLE

Frequency	2400MHz ~ 2483.5MHz
Physical Rate	2 Mbps