



GT-320

UWB Tag - Watch Type



- ✔ IEEE 802.15.4a UWB
- ✔ BLE 5.0
- ✔ IPX6
- ✔ SOS alert
- ✔ Vibration, Buzzer
- ✔ Vital sign, Activity monitoring
- ✔ Message Issuance

Specifications

Mechanical & Environmental

Standard	<ul style="list-style-type: none"> • IEEE802.15.4a • BLE 5.0
Size (mm)	ø45 x 14.5 (wrist band excluded)
Weight (g)	45
Power Requirement	+5V DC-in with magnetic charging sit
Power Consumption	< 1W (Instant)
Battery Life	<ul style="list-style-type: none"> • ToF: 1+ Days@1Hz w/ smart sleep • TDoA: 2+ Days@1Hz w/ smart sleep Battery life would change according to the screen, vital sign sensor usage
Blink Rate	0.1 ~ 20Hz (Adjustable)
Display	1.32-inch TFT screen with a resolution of 360x360
Temperature	<ul style="list-style-type: none"> • Operating: 0°C ~ 60°C • Storage: 0°C ~ 70°C
Humidity	<ul style="list-style-type: none"> • 40°C @ 95% Relative Humidity, Non-condensing
IP Rating	IP X6

- Functions**
- SOS alert
 - Vibration
 - Buzzer
 - Message
 - Smart Rest Mode
 - Heart Rate Monitor
 - Blood Oxygen Monitor
 - Activity Monitor

UWB

Frequency	<ul style="list-style-type: none"> • Low Band: 3.5GHz ~ 6.5GHz (CH2/CH3) • High Band: 6.5GHz ~ 8GHz (CH5/CH9)
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	<ul style="list-style-type: none"> • 2 Mbps • 1 Mbps • 125 Kbps