

# 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"> <li>• IEEE802.15.4a</li> <li>• BLE 5.0</li> </ul>
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"> <li>• ToF: 1+ Days@1Hz w/ smart sleep</li> <li>• TDoA: 2+ Days@1Hz w/ smart sleep</li> </ul> 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"> <li>• Operating: 0°C ~ 60°C</li> <li>• Storage: 0°C ~ 70°C</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• 40°C @ 95% Relative Humidity, Non-condensing</li> </ul>
IP Rating	IP X6
Functions	<ul style="list-style-type: none"> <li>• SOS alert</li> <li>• Vibration</li> <li>• Buzzer</li> <li>• Message</li> <li>• Smart Rest Mode</li> <li>• Heart Rate Monitor</li> <li>• Blood Oxygen Monitor</li> <li>• Activity Monitor</li> </ul>

### UWB

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

### BLE

Frequency	2400MHz ~ 2483.5MHz
Physical Rate	<ul style="list-style-type: none"> <li>• 2 Mbps</li> <li>• 1 Mbps</li> <li>• 125 Kbps</li> </ul>