

GA-210

UWB Anchor



- ✔ IEEE 802.15.4a UWB
- ✔ IEEE 802.11 b/g/n
- ✔ IEEE 802.3 af PoE
- ✔ 10/100M Ethernet
- ✔ ToF/TDoA Mode Supported

Specifications

Mechanical & Environmental

Standard	<ul style="list-style-type: none"> • IEEE802.15.4a • IEEE802.11 b/g/n • IEEE802.3 af • BLE 4.2
External I/O	<ul style="list-style-type: none"> • DC power jack (Ø 2.0mm) • RJ45 connector • Reset button
Size (mm)	128 x 134 x 37
Weight (g)	250
Power Requirement	+5V DC-in / Powered LAN (POE)
Power Consumption	< 1.6W (avg.)
Mounting	<ul style="list-style-type: none"> • Wall mount • VESA 75 x 75
LED	<ul style="list-style-type: none"> • PWR: Green, Bright after power on • UWB: Green, Flicker during positioning interaction • LAN: Green, Flicker in wired data transmission • Wi-Fi: Green, Flicker in Wi-Fi data transmission • BLE: Blue, Bright after BLE connected
Temperature	<ul style="list-style-type: none"> • Operating: -20°C ~ 65°C • Storage: -40°C ~ 85°C
Humidity	<ul style="list-style-type: none"> • 40°C @ 95% Relative Humidity, Non-condensing

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

Wi-Fi

Frequency	2.3GHz ~ 2.5GHz
Channel Frequency Width	20MHz/40MHz