

# GA-210W

## UWB Anchor – Waterproof Type



- ✔ IEEE 802.15.4a UWB
- ✔ IEEE 802.11 b/g/n
- ✔ IEEE 802.3 af PoE
- ✔ IP 67
- ✔ 10/100M Ethernet
- ✔ ToF/TDoA Mode Supported

## Specifications

### Mechanical & Environmental

<b>Standard</b>	<ul style="list-style-type: none"> <li>• IEEE802.15.4a</li> <li>• IEEE802.11 b/g/n</li> <li>• IEEE802.3af</li> <li>• BLE 4.2</li> </ul>
<b>External I/O</b>	<ul style="list-style-type: none"> <li>• RJ45 connector</li> <li>• UWB antenna x 1</li> <li>• Wi-Fi antenna x 1</li> </ul>
<b>Size (mm)</b>	221 x 174 x 55 (without antenna)
<b>Weight (kg)</b>	2.3
<b>Power Requirement</b>	+5V DC-in / Powered LAN (POE)
<b>Power Consumption</b>	< 1.6W (avg.)
<b>Mounting</b>	Pole Mounting
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• Operating: -20°C ~ 65°C</li> <li>• Storage: -40°C ~ 85°C</li> </ul>
<b>Humidity</b>	<ul style="list-style-type: none"> <li>• 40°C @ 95% Relative Humidity, Non-condensing</li> </ul>

### UWB

<b>Frequency</b>	<ul style="list-style-type: none"> <li>• Low Band: 3.5GHz ~ 6.5GHz (CH2/CH3)</li> <li>• High Band: 6.5GHz ~ 8GHz (CH5/CH9)</li> </ul>
<b>Physical Rate</b>	<ul style="list-style-type: none"> <li>• 110 Kbps</li> <li>• 850 Kbps</li> <li>• 6.8 Mbps</li> </ul>
<b>Channel Frequency Width</b>	500 MHz
<b>Working Mode</b>	<ul style="list-style-type: none"> <li>• ToF</li> <li>• TDoA</li> </ul>

### Wi-Fi

<b>Frequency</b>	2.3GHz ~ 2.5GHz
<b>Channel Frequency Width</b>	20MHz/40MHz