

## UWB Series Maxon Intelligence Positioning Solutions

### AP + UWB Base Station

#### Model: MX5012A-MI6U

The IP68 WiFi5 MU5012A-MI6 supports 802.11a/b/g/n/ac, maximum transmission rate 1167Mbps (5.8G) & 300Mbps (2.4G) with an RJ45 Gigabit LAN Port.

WiFi AP+UWB Positioning accuracy can reach up to 30cm (no interference and no blocking) supports positioning frequency from 0.1Hz to 1Hz.

Single base station capacity can reach to 200 tags.

Working temperature: -40°C~70°C.

Ceiling or pole mounted.



#### Model: MX6022A-MI6U

The IP68 WiFi6 MX6022A-MI6U supports 802.11a/b/g/n/ac/ax, maximum transmission rate 1773Mbps with an RJ45 Gigabit LAN Port.

WiFi AP+UWB Positioning accuracy can reach up to 30cm (no interference and no blocking) supports positioning frequency from 0.1Hz to 1Hz.

Single base station capacity can reach to 200 tags.

Working temperature: -40°C~70°C.

Ceiling or pole mounted.



### UWB Helmet Tag

#### Model: UB-100

The helmet-type tag with built-in UWB chip is suitable for multiple scenarios. It can realize one-key SOS and buzzer warning.

Accuracy can reach up to 30cm (no interference and no blocking) supports positioning frequency from 0.1Hz to 1Hz.

Rechargeable battery lasts for 20 days with 1Hz frequency.



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## UWB Card

### Model: UB-101

The card tag with built-in UWB chip is suitable for multiple scenarios.  
It can realize one-key SOS and buzzer warning.  
Accuracy can reach up to 30cm (no interference and no blocking) supports positioning frequency from 0.1Hz to 1Hz.  
Rechargeable battery lasts from 1 month with 1Hz frequency to 4 month with 0.1Hz.



## UWB BLE5.0 Watch & Bracelet

### Model: UB-102

It has built-in UWB & BLE5.0 is suitable for multiple scenarios.  
It can realize one-key SOS and buzzer warning.  
Accuracy can reach up to 30cm (no interference and no blocking).  
Rechargeable battery lasts from 7 days with 1Hz frequency to a much more longer duration with 0.1Hz.  
6-axis motion sensor data monitoring, geomagnetic data monitoring  
Temperature, air pressure monitoring, heart rate, blood oxygen detection.  
Support NFC reader mode, can read other NFC tags.  
Support uplink and downlink message communication.



<b>Electrical</b>	Battery	7 days (1Hz), 310mAh
	Charging	USB charging clip or stand
	Antenna	Built-in antenna
<b>performance</b>	UWB distance	≥200m
	Accuracy	30cm
	Frequency	0.1 ~ 1Hz adjustable
	Alarm	One-key SOS, vibration and sound prompts
<b>Protection</b>	Protection	IP68
	Fire-proof	UL94-V0
	Anti-static	IEC61000-4-2
<b>Environmental</b>	Operation Temp.	-20~75°C
	Storage Temp.	-40~80°C
	Operation Humidity	5~95% (non-condensing)
<b>Physical</b>	Size	65*50*15.6mm (host)
	Weight	<65g
	Screen	1.2 inches, 240*240RGB, 64 colors

# MAXON

*Link Of Your Think*

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