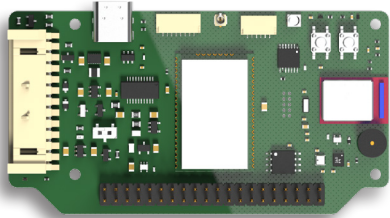


### Ubitrax Pro Tag



#### LoRa Radio

Frequency: 902-928 MHZ (US)  
 Maximum Transmit Power +22 dBm  
 Receiver Sensitivity -147.6 dBm

#### Bluetooth 5 Low Energy (BLE)

Frequency: 2.402 - 2.480 GHz  
 Maximum Transmit Power +2 dBm  
 Receiver Sensitivity -95 dBm

#### IMU (Inertial Measurement Unit)

High Performance accelerometer and gyroscope

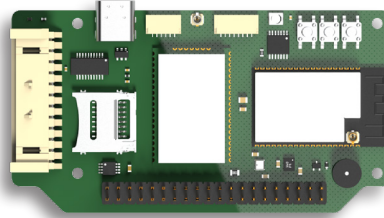
#### Environmental Sensors

Humidity, Pressure, and Temperature

#### Dimensions

86mm x 46mm x 9.5mm

### Ubitrax Anchor



#### Wi-Fi Radio

Supported Wi-Fi Networks: **802.11 b/g/n**  
 Supports **IEEE 802.11 WEP, WPA, WPA2** security Support

#### LoRa Radio

Frequency: 902-928 MHZ (US)  
 Maximum Transmit Power +22 dBm  
 Receiver Sensitivity -147.6 dBm

#### IMU (Inertial Measurement Unit)

High Performance accelerometer and gyroscope

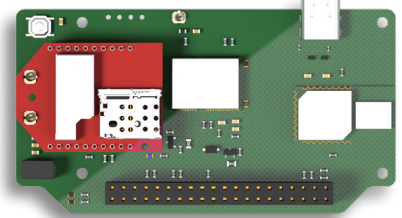
#### Environmental Sensors

Humidity, Pressure, and Temperature

#### Dimensions

86mm x 46mm x 9.5mm

### Ubitrax Expansion Hat



#### Ultra Wide Band

Low Power/ High Bandwidth Communication IEEE **802.15.4-2011**  
**UWB** compliant

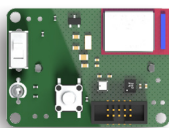
#### LTE

#### GPS

#### Dimensions

86mm x 46mm x 11mm

### Ubitrax BLE Mini Tag



#### Bluetooth 5 Low Energy (BLE)

Frequency: 2.402 - 2.480 GHz  
 Maximum Transmit Power +2 dBm  
 Receiver Sensitivity -95 dBm

#### IMU (Inertial Measurement Unit)

High Performance accelerometer and gyroscope

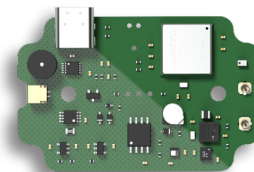
#### Environmental Sensors

Humidity, Pressure, and Temperature

#### Dimensions

27mm x 37mm x 18mm

### Ubitrax Wearable Tag



#### LoRa Radio

Frequency: 902-928 MHZ (US)  
 Maximum Transmit Power +22 dBm  
 Receiver Sensitivity -147.6 dBm

#### Bluetooth 5 Low Energy (BLE)

Frequency: 2.402 - 2.480 GHz  
 Maximum Transmit Power +2 dBm  
 Receiver Sensitivity -95 dBm

#### Dimensions

55mm x 35mm x 1.5mm

#### IMU (Inertial Measurement Unit)

High Performance accelerometer and gyroscope

#### Environmental Sensors

Humidity, Pressure, and Temperature

#### GPS



**Ubitrax Anchor**

Wifi  
 LoRa  
 IMU  
 Environmental Sensing

(Expansion)  
 + UWB, + LTE, + GPS

**Dimensions**  
 110mm x 110mm x 50mm



**Ubitrax Pro Tag (Indoor)**

LoRa  
 BLE  
 IMU  
 Environmental Sensing

(Expansion)  
 + UWB, + LTE, + GPS

**Dimensions**  
 92mm x 53mm x 21mm



**Ubitrax Mini Tag**

BLE  
 IMU  
 Environmental Sensing

**Dimensions**  
 49mm x 39mm x 24mm



**Ubitrax Pro Tag (Outdoor)**

LoRa  
 BLE  
 IMU  
 Environmental Sensing

(Expansion)  
 + UWB, + LTE, + GPS

**Dimensions**  
 110mm x 110mm x 50mm



**Ubitrax Wearable Tag**

LoRa  
 BLE  
 IMU  
 GPS  
 Environmental Sensing

**Dimensions**  
 110mm x 45mm x 75mm