

# Specifications

**Length:** 4.96" (126mm)

**Height:** 3.38" (86mm)

**Width:** 0.88" (22.5mm)

**Weight:** 143g ± 3g (without batteries)

**Sensing Range:** Temperature -4°F to 140°F (-20°C to 60°C),  
Humidity 10% to 90%<sup>△</sup>

**Accuracy:** Temperature: ±0.3°C, Humidity: ±3% RH, Ambient  
Light: ±2%<sup>①</sup>

**Screen:** 4.4" LCD

**Power Source:** 4 x AA batteries or Micro USB (5V/2A)

**Battery Life:** 8-12 months (WiFi only); 1-2 months (WiFi and  
SIM)<sup>②</sup>

**Compatibility:** iOS 11+, Android 8.1+, or Windows 7+, or macOS  
v10.8+

**External Probe:** 2 Micro USB, supports DS18B20 temperature  
probe (optional extra)

**On-board Memory:** 300,000 sensing records

**Network:** Supports WiFi, GPRS / 3G / 4G\*

**WiFi Channel Width:** Supports 20MHz or "Auto" setting

**WiFi Security:** Supports OPEN, WEP, or WPA/WPA2 types,  
WPA2-Enterprise (802.1x/RADIUS authentication) network is not  
supported.

**WiFi:** Requires 2.4GHz (802.11 b/g/n), channels 1-13 network  
(5GHz WiFi is NOT supported)

**Mobile Network\*:** LTE-FDD: B1 / B3 / B5 / B8 ; LTE-TDD: B34 /  
B38 / B39 / B40 / B41 ; WCDMA: B1 / B5 / B8 ; GSM: 900 /  
1800MHz

**Device Setting:** The minimum device sync interval (upload) is 1 minute, and minimum sensing interval is 1 minute (Temperature, Humidity, Light, External Probe and Battery Voltage).

**Alert Types:** Supports APP push notifications, email, SMS text, phone call alerts and audible alerts. Alerts can be set on numeric- based sensor readings and network status (e.g. , when connection is lost or batteries are low). All alerts are sent from the UbiBot Cloud.

① The sensor precision might fluctuate slightly in actual usage because of environment condition, deployed position, etc. See [user guide](#) for detailed parameters.

② The quoted battery life was tested using VARTA industrial batteries under stable signal conditions with default synchronisation and sampling settings. For more details, please click [here](#).

\*Depending on the specific model purchased.

<sup>△</sup>The device is not waterproof. For outdoor use or indoor environment with constant 90% or higher humidity , please use a [waterproof case](#) and connect the [external probe](#).