

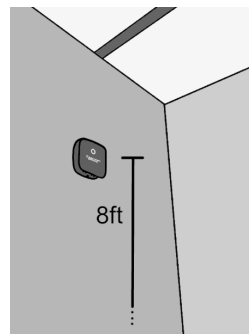
## BEACON V2 Placement

When placing or mounting the BEACON V2 it is preferred to put it in an open environment, away from large masses of metal.

Placing the BEACON V2 on an elevated surface will also boost the effective range of the device.

When wall-mounting the device, it is recommended to use the included screws and wall plate.

Direct sunlight should be avoided as it can affect the accuracy of temperature measurements.



## Device Specifications

General / Electrical	
Battery	950mAh CR2477 Lithium Cell Battery
Battery Life	1 Year
Operation Voltage	2.8 - 3.6 VDC
Average Operation Current	< 100uA
Operating Temperature	-20°C - 65°C
Dimensions	50.5 mm x50.5 mm x16.5 mm
Weight	65 g
Ingress Protection	IP67
Radio Information	
Transmit Frequency Range	2.400 GHz - 2.4835 GHz
Max Transmit Power	8dBm
Transmit Range	50 m
FCC Identifier	2AUXB-DSBC060

## Device Specifications

Measurement Information	
Temperature Range	-30°C - +65°C
Temperature Accuracy	±0.3°C (0-65°C) , ±1°C (-40-0°C)
Humidity Range	0 -100%RH
Humidity Accuracy	±3% (20-80%RH), ±5 (0-20%RH, 80-100%RH)
Measurement Interval	60 seconds
Products and Accessories Included in Box	
BEACON V2	Wireless Device for Environmental Monitoring
Mounting Hardware	1 Wall Mounting Plate 2 Mounting Screws 1 Double-Sided Mounting Adhesive

## Legal Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any change or modification not expressly approved by SlateSafety could void the user's authority to operate equipment.

For Device Warranty Information, please visit:  
[slatesafety.com/warranty](https://slatesafety.com/warranty)

For Terms of Service, please visit:  
[slatesafety.com/terms-of-service](https://slatesafety.com/terms-of-service)

For Privacy Policy, please visit:  
[slatesafety.com/privacy-policy](https://slatesafety.com/privacy-policy)

FireHUD Inc. d.b.a SlateSafety  
BEACON V2

## BEACON V2 User Manual



## LED Indicator and Button

There is an LED indicator underneath the white circle on the front of the BEACON V2. This indicator should be off at all times during normal operation. The LED is used for diagnostic purposes and initial configuration performed by SlateSafety.

A button is located behind the mounting plate on the back of the BEACON V2. This button is used for configuration and diagnostic purposes and should not be pressed unless otherwise advised by SlateSafety.

The BEACON V2 is shipped pre-configured and turned on by SlateSafety, therefore no user configuration is necessary under normal circumstances.

## MAC Address

The MAC address is a unique identifier for the BEACON V2 used by the software. By default, in the software application, each BEACON V2 will be named "Beacon <MAC Address>". This default name can be changed to something more meaningful that indicates the installation location of the BEACON V2.

The MAC Address is printed on the back of the BEACON V2 and is partially visible through the top hole of the mounting bracket as shown below.



## Radio Connection

The BEACON V2 utilizes a local BLE connection to send data to the cloud platform. This BLE signal can be picked up by the BAND V2 and GATEWAY V2 devices. When a nearby BAND V2 or GATEWAY V2 detects a BEACON V2 measurement, it is then forwarded to the cloud platform as long as there is a good connection.

The BAND V2 has the ability to store and forward BEACON V2 messages. This is useful if the BAND V2 is in a cell-denied area but the user still would like to look at historical BEACON V2 measurements.

The range of the BEACON V2 transmissions is approximately 50 meters.

## Operation Overview

The BEACON V2 collects and transmits the temperature, humidity, and heat index measurements of its environment. This data can be used to better understand the ambient conditions within a work environment. This information is gathered by nearby BAND V2 and GATEWAY V2 devices and sent to the cloud platform. Data is transmitted approximately every minute.

Rough, real-time location information can also be deduced by detecting which BEACON V2 a user wearing a BAND V2 is closest to. In the software, BEACON V2s can be renamed with relevant location information. This information is displayed on each user card, if available.

## Support Information

For additional support materials, or to open a support ticket please visit:  
[slatesafety.com/support](https://slatesafety.com/support)

For email support, please email:  
[support@slatesafety.com](mailto:support@slatesafety.com)

If you have any questions, comments or concerns, please do not hesitate to reach out to a SlateSafety representative.

