



BEACON V2

The Affordable WBGT Alternative

The BEACON V2 is a hyperlocal environmental monitor that is an optional addition to the BAND V2 and focuses on ambient temperature monitoring to enhance heat safety programs. It measures real-time temperature, relative humidity, heat index and estimated WBGT and acts as a coarse real-time location system (RTLS).

How the BEACON V2 Works

The BEACON V2 can be placed indoors or outdoors with adhesive or screws on the back. Beacons transmit data through the SlateSafety V2 system consisting of the GATEWAY V2 and BAND V2. One of these products must be near the BEACON V2 for live data to be transmitted to the SlateSafety web app.

Features



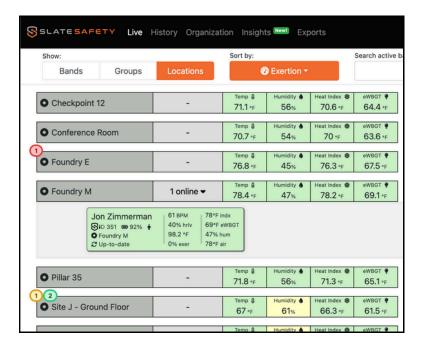








Heat Index Humidity Temperature Location eWBGT



SlateSafety Web App

In the SlateSafety web app live page (left), BEACON V2s are indicated by the black discs on the left. These can be renamed and in this example, they are labeled by location. John Zimmerman, who is wearing a BAND V2, is nearest the Foundry M beacon.

What is eWBGT?

eWBGT is an estimation of Wet Bulb Globe Temperature that can be automatically gathered by SlateSafety BEACON V2s. eWBGT can be viewed, analyzed, and alerted using SlateSafety's software.

BEACON V2 Specifications

General Information

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 - 6s°C

Dimension 50.5 mm x50.5 mm x16.5 mm

Weight 65g
Ingress Protection IP67

Radio Information

Transmit Frequency Range 2.400 GHz - 2.4835 GHz

Max Transmit Power 8dBm
Transmit Range 50m

FCC Identifier 2AUXB-DSBC060

Measurement Information

Temperature Range -30°C - +65°C

Temperature Accuracy ±0.3°C (0-65°C), ±1°C (-40-0°c)

Humidity Range O-100%RH

Humidity Accuracy ±3% (20-80%RH), ±5 (0-20%RH, 80-100%RH)

Measurement Interval 60 seconds

Products & 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