

Device Specifications

General	
Chipset	ARM Cortex-M33
Memory	4 MB
Weight	130g
Dimensions	4.4 x 2.8 x 1.3 in. / 111 x 72 x 34 mm
Ruggedization	Weather-resistant housing, UV-stabilized
Ports	M8 (6pin), MicroUSB, USB-C (Charging)
Operating Temperature, Humidity	-20C to +60C, 0% to 100% RH (Condensing)
Storage/ Charging Temp.	0C to +45C
Location of Usage	Indoor and outdoor use permitted
Altitude	Max = 5 km, Min = -15m
Wet Location	Wet location use permitted
Max Pollution Degree	4

Device Specifications

Sensors	
Environmental	Temperature, Relative Humidity, Noise, Absolute Pressure, Estimated Wet Bulb & Globe Temperatures
Positional	GPS, Accelerometer
Feedback	
LED	RGB LED indicator
Battery	
Capacity	3.8V, 700 mAh, 2.66Wh, Lithium-ion polymer
Connectivity	
2.4GHz Local Radio	BLE 5.4
Wi-Fi	IEEE 802.11 b/g/n/ax 2.4 GHz
Ethernet	Wired-LAN via MicroUSB Adapter
Cellular Data	LTE-M / NB-IoT (subject to regional support)
GNSS	L1 Band, GPS, GLONASS, Galileo, BeiDou, NavIC, QZSS, SBAS

Accessories + What is Included in the Box

Included Accessories	
Inside BEACON V3 Box	BEACON V3, 6-ft USB-C Cable, AC/DC Adapter Network Adapter, Information Booklet, Magnetic Bracket, Belt Clip

Compatible Products	
BAND V2	Wearable Device
GATEWAY V2	Network adapter for cell-denied or restricted areas

BEACON V3 Charger Specifications	
Cable	6 ft, Polyurethane USB-C Cable
AC/DC Adapter	Input: 100VAC - 240VAC 50/60Hz Output: 5VDC, 2.4A UL Listed : E183223

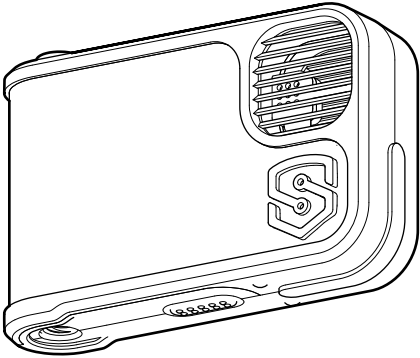
Operations

Cleaning - Low pressure water-only rinsing of the device is permissible, 70% IPA wipes are advised.

Active Mode - Pressing either button once while off will initiate active mode. The LED indicator will show an orange pattern growing from the bottom-up. After initialization, the LED will flash intermittantly. The device is actively collecting and trasmitting data. The device will behave according to the configurations set within the SlateSafety software loadout.

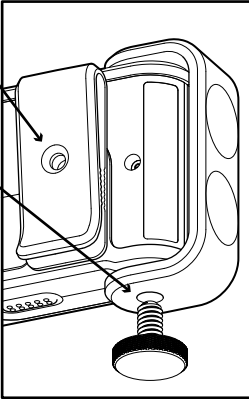
Off Mode - Pressing either button while the device is active will power the device down. The LED indicator will show an orange pattern retreating from the top-down. In this mode, the device does not collect or transmit any data.

BEACON V3 User Manual



Mounting & Wear

The device can be worn using the clip attachment. The attachment can be removed and rotated by loosening the M2 screw and 1.5 mm hex driver.



The device can be mounted by attaching the magnetic bracket using the provided 1/4-20 knurled screw. Any standard tripod mount will attach to the 1/4-20 mount. The knurled screw can be used for numerous alternative mounting setups.

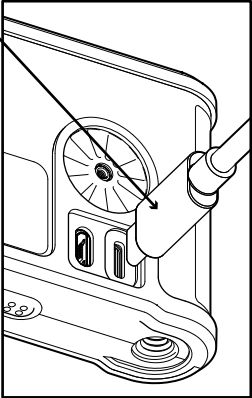
Charging

Use the supplied USB-C cable to charge the device.

The Micro-USB port is not for charging.

Charging is suspended outside the safe battery temperature range. The device continues to operate on USB power.

The device should only be charged with the provided adapter and USB-C cord.



Additional Information

To learn more about the BEACON V3 ,please visit our support webpage.



<http://slatesafety.com/support/category/beacon-v3>

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. FCC ID: 2A357002 , Contains FCC ID: 2A3579160

Canadian Notice: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: 1. This device may not cause interference. 2. This device must accept any interference, including interference that may cause undesired operation of the device.

Avis Canadien: L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditionssuivantes :1. L'appareil ne doit pas produire de brouillage;2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillageest susceptible d'en compromettre le fonctionnement.

RF Radiation Exposure Statement: 1. To comply with the Canadian RF exposure compliance requirements, this device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. 2. For body worn operation, this device has been tested and meets RF exposure guidelines when used with an accessory that contains no metal. Use of other accessories may not ensure compliance with RF exposure guidelines.

RF Radiation Exposure Statement: 1. Pour se conformer aux exigences de conformité RF canadienne l'exposition, cet appareil et son antenne ne doivent pas être co-localisés ou fonctionnant en conjonction avec une autre antenne ou transmetteur. 2. Pour le fonctionnement du corps, cet appareil a été testé et répond aux directives d'exposition RF lorsqu'il est utilisé avec un accessoire qui ne contient pas de métal. Utilisation d'autres accessoires peut ne pas assurer le respect des directives d'exposition RF.

Legal Information

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

This device is not a medical device and is not designed or intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease.

For Device Warranty Information, please visit: slatesafety.com/warranty

For Important Safety Information please visit: <https://slatesafety.com/important-safety-information-for-beacon-v3>

For Terms of Service, please visit: slatesafety.com/terms-of-service

For Privacy Notice, please visit: slatesafety.com/privacy-notice

For additional support materials, or to open a support ticket please visit: slatesafety.com/support

For email support, please email: support@slatesafety.com

