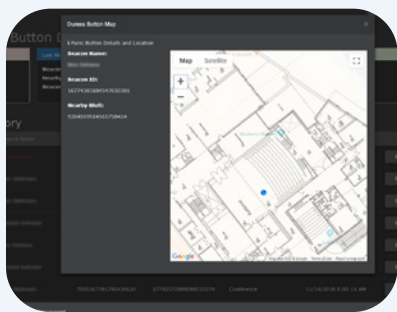


BEEKs™ Duress Beacons

Personal Bluetooth Low-Energy beacons with alert buttons for location services and people safety

BEEKs™ Bluetooth® Low-Energy (LE) beacons are among the most advanced beacon badges in the industry. Worn as badges they can provide valuable insights on workplace utilization or help ensuring everyone is safely out of a building in emergency situations.



When combined with HID's end-to-end IoT Services ecosystem, that includes BluFi™ Bluetooth® LE to WiFi gateways and the Bluzone™ cloud services, BEEKs can be centrally managed through the cloud and BluFi devices to transfer new messages, firmware updates and battery status checks remotely. Their unique design allows BEEKs to broadcast reliably even in densely populated WiFi environments.

When the buttons on the backside of the BEEKs Badge Holder are pressed, the LED will start to blink and will send an alert to the Bluzone Cloud (when in range of a connected BluFi). It can trigger several reactions like: e-mail as part of policy; alert to screen and alert to report or API call to activate / present an alert on custom dashboard or customer's legacy systems. This is typically used for distress or notification signals by the wearer of the badge.

The duress badge holder is designed to hold a personalized ISO card (with optional RFID) in portrait or landscape format. The duress button on the back is concave to avoid accidental alerts. The badge holder can be operated in a hand-hygiene compliance mode to support dispenser systems from Gojo Purell® ES8 with HID module.

BEEKs Duress Pendant is the smallest beacon of the family and the clip holder allows easy integration to existing lanyard/badge sets.

BEEKs Bluetooth® LE beacons are available in multiple form factors and sensor configurations for different applications like Real-time Location (RTLS) for assets, condition monitoring of motorized equipment or retail use cases to interact with smartphones in an Apple iBeacon or Google Eddystone compatible format. *

The extensible architecture allows organizations to scale deployments of standard beacon applications and extend to centralized management, real-time condition monitoring or location services in a later phase.



KEY BENEFITS:

- Secure – Built-in duress call button will raise an alert when pressed indicating the device location, ID and nearest BluFi.
- Multi-Purpose – Use as Bluetooth LE Beacon or in combination with any passive access card credential.
- Rapid Implementation – Gather real-time location data for workplace optimization, mustering, contact tracing or physical distancing.

TECHNOLOGY HIGHLIGHTS:

- Bluetooth® LE 4.2 and 5.0 compliant beacons
- iBeacon (Apple), Eddystone (Google) and sBeacon HID supported simultaneously*
- Location precision down to 6 ft (2 m)
- Central management possible
- Fast and easy roll-out
- Optional combination with any passive credential in ISO card format
- Call button, raising alert when pressed
- Usage options:
 - Personalized (locating individuals) or
 - Anonymously (utilization reports)
 - Contact tracing
 - Physical distancing (BEEKs Aware)
- Optionally support Location Services through Aruba Bluetooth® LE enabled access-points

*BEEKs Duress Badge Holder and BEEKs™ Mini Duress Pendant supports sBeacon protocol only.

BEEKs™ Duress Beacons



APPLICATION AREAS:

Real-time location & duress alerting (requires Bluzone™ SAAS)

- Quickly locate individuals in an office or campus
- Position based alerting, heat-maps etc.
- Alert location function when the BEEKs duressbutton is pressed

Emergency Mustering

(requires Bluzone™ SAAS)

- Quick and efficient counting of people at mustering points in emergency situations
- Central provisioning or monitoring via BluFi and Bluzone optionally possible

	BEEKs™ Duress Badge Holder	BEEKs™ Mini Duress Pendant
		
Model Number	BVBBN4B	EMBC20
Configuration Types	Duress	
Part Number	BVBBN4B -LITE	BVBMN3B-ALRM
RF SPECIFICATIONS		
Bluetooth® standard/ Protocol	Bluetooth® Low-Energy (LE) 5.0	Bluetooth® Low-Energy (LE) 4.2
Frequency Band	2400-2483.5 MHz	
Max Output power	-1.4 dBm eirp, (+2.0 dBm eirp duress alert)	-1.4 dBm eirp
Number of channels	40	
Modulation	GFSK	
Antenna/gain	integral PCB antenna, 0dBi	
Mode of operation	Half duplex	
FEATURES		
Bluetooth® LE Application Supported	sBeacon	
Special Features	Duress alert button (concave to avoid accidental alerts); Slot to insert ISO/CR80 card (2.13" x 3.38" (54 mm x 86 mm)) badge; Optional hand-hygiene compliance support (Gojo Purell ES8)	Small form factor. Panic feature is activated by a 3 second button press. LED will blink to indicate alarm.
Audio Alert	N/A	N/A
LED Alert	LED blinks when button is pressed	
PHYSICAL		
Length x Width	2.5 in x 3.7 in x 0.19 in (64 mm x 95 mm x 5 mm)	1.28 in x 0.39 in x 1.85 in (32.5 mm x 10 mm x 47 mm)
Mounting Method	Clip	
Housing Material	Polycarbonate	
Color	White + transparent frame	White
Weight	0.85 oz (24 g)	0.5 oz (14 g)
BATTERY		
Type	3.0V LiMnO2 battery 700mAh	3.0 V / CR-2032 Battery
Life	2.5 years with up to 200 alarm activations. 3 years with no activations.	Up to 2 years -1.4 dBm every 4 sec.
CHEMICAL AND MECHANICAL RESISTANCE		
Water	IP64	
Withstands Exposure To	Water and UV resistant	
THERMAL		
Storage	-4° to +140° F (-20° to +60° C)	
Operating Temperature	-4° to +140° F (-20° to +60° C)	
OTHER		
Standards	FCC / CE / IC	
Options	When alarm is activated, it will send an alert to the Bluzone Cloud (when in range of a connected BluFi). Possible alert reactions: 1) email as part of policy; 2) alert to screen and to alert report 3) API call to activate / present alert on custom dashboard or customers legacy systems. 4) LED on device will blink	
Aware Functionality	No	
Box Size	10 pcs.	
Warranty	1 year	



hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769

Europe, Middle East, Africa: +353 91 506 900

Asia Pacific: +852 3160 9800 | Latin America: +52 55 9171 1108

For more global phone numbers click here

© 2025 HID Global Corporation/ASSA ABLOY AB. All rights reserved.

2025-08-21-idt-iots-beeks-duress-badge-beacons-ds-en PLT-04226

Part of ASSA ABLOY

For more information, contact iotsales@hidglobal.com

