

# SIGMA

## SMART TAG

### Beacon

**PART ID:**  
**4932**

PERSONAL BLE BEACONS WITH ALERT BUTTON FOR LOCATION SERVICES AND WORKPLACE OPTIMIZATION

### Main Specifications

Frequencies	<b>LF HF UHF</b>
Material	ABS+PC
Operating Temperature	-20°C to 77°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Duress alert button + LED, iBeacon, Eddystone



### Full Specifications

Product ID	4932
Name	SIGMA
Material	ABS+PC
Shape	BLE Beacon
Short Description	PERSONAL BLE BEACONS WITH ALERT BUTTON FOR LOCATION SERVICES AND WORKPLACE OPTIMIZATION
Long Description	<p>BEEKs™ Bluetooth Low-Energy (BLE) 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 Bluvision End to-end IoT ecosystem, that includes BluFi™ BLE to WiFi gateways and the Bluzone™ cloud services, BEEKs can be centrally managed through the cloud 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 button on the backside of the BEEKS Button Badge is pressed, it 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</p>

dashboard or customer's legacy systems. This is typically used for distress or notification signals by the wearer of the badge. The duress badge is designed to hold a personalized ISO card (with optional RFID) in horizontal format. BEEKs BLE 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 Features	Duress alert button + LED, iBeacon, Eddystone
Article Type	Beacon
Color	White
Length [mm]	64
Width [mm]	89
Thickness [mm]	5
Weight [g]	24
Operating Temp °C (min)	-20
Operating Temp °C (max)	77
Storage Temp °C (min)	-20
Storage Temp °C (max)	77
IP Class	IP68
Compliance	RoHs & Reach, CE
Battery	SixCR2016 Rated at 90 mAh each. Total 540mAh
Battery Life	Up to 2 years
Bluetooth Type	Bluetooth Low Energy 4.1
Bluetooth Sensitivity	-97dBm
Bluetooth Max Power Output	-40dBm to +5dBm
Bluetooth Data Rate	1Mbit/s / 2Mbit/s
Sensors	Accelerometer (for energy saving)
Internal Flash Memory	55kB Flash
LED	Yes
Manage services	Cloud
Data output to cloud	0.1 to 1Mbit Up data

## VARIANTS

ID	Variant
4932-01-000-00	BLE Badge