HID®

PRODUCT COMPARISON CHART

BLE: Bluetooth Smart - 2.4 GHz

	BEACONS							GATEWAYS		
Product Family	**BEEKs™**							**BluFi™**		
Sub-family	Plus	Lite	CM v2/Industrial	Mini	Badge	Duress Badge	Keyfob	AC (US/EU/UK/AU)	DC (Battery)	DC (Plenum)
Description	BLE beacon without sensors to be used for Proximity Marketing, way-finding and/or real-time location (RTLS).		Rugged BLE condition monitoring beacon with embedded sensors to measure temperature and vibration of motorized equipment in manufacturing, coolers, escalators etc.	Tiny BLE beacon to support real-time location (RTLS).	Beacon badge that can be optionally combined with passive RFID card credentials for access control. Includes call button on the back that can raise an alert in the Bluzone console when in vicinity of a connected BluFi.	BLE badge holder, into which a horizontally printed (RFID) ISO card can be inserted. Typically used for workplace optimization or emergency mustering.	BEEKs Keyfob provides an audible alert in addition to the LED and may be used either for duress applications or for physical distancing "aware" applications.	BluFi acts as gateway between BLE beacons and existing WiFi networks to enable cloud based remote management, location and beacon data collection. This model plugs into any standard A/C outlet and features an omnidirectional antenna.	BluFi acts as gateway between BLE beacons and existing WiFi networks to enable cloud based remote management, location and beacon data collection. This model features a rechargeable battery and directional antenna. Optional outdoor housing with solar panel available.	BluFi DC Plenum is a flame resistant, low-voltage DC powered version that is designed to be installed on walls, ceilings or in the plenum, with an optional mounting kit.
Bluetooth standard	Bluetooth Low Energy (BLE) 4.2							Bluetooth Low Energy (BLE) 4.2 / WiFi: 802.11 b/g/n		
Frequency Band	2400-2483.5 MHz							2400-2483.5 MHz (40 channels)		
Processor Type	ARM Cortex M3 and ARM Cortex M0							ARM Cortex M4 and ARM Cortex M3		
Memory	55KB Flash							256KB Flash (100KB free for custom applications)		
BLE Application	Eddystone, iBeacon, sBeacon							Eddystone, iBeacon, sBeacon, WiFi		
Battery Life	Up to 8 year battery life	Up to 5 year battery life	Up to 3 year battery life	Up to 2 year battery life	Up to 4 year battery life		up to 4 years (Duress use), up to 8 months (Aware use)	100-240 VAC, 50/60 Hz	up to 24h	N/A
Dimensions	2.41 x 1.46 in (61.3 x 37.2 mm)	2.36 × 0.85 in (60 × 21 mm)		1.3 x 0.3 in (34.2 x 8.35 x 2.5 mm)	2.14 × 3.39 x 0.10 in (54 × 86 mm)	2.5 in x 3.5 in x 0.19 in (64 mm x 89 mm x 5 mm)	2.79 in × 1.67 in x 0.57 in (71 mm × 43 mm x 15 mm)	2 × 1.5 x 1.5 in (50 × 38 x 38 mm)	3.4 X 3.2 X 1.2 in (86.1 X 82.2 X 31.8 mm)	
Affixation	3M VHB adhesive sticker		Epoxy glue	3M VHB adhesive sticker with metal foil	Clip			A/C power plug	Micro USB	USB Type A
Weight	2.7 oz (76 g)	1 oz (28 g)	1.39 oz (37 g)	0.24 oz (7 g)	0.5 oz (14 g)	0.85 oz (24 g)	1.3 oz (37 g)	1.7 oz (48 g)	9.3 oz (264 gr)	4.13 oz (117 g)
Water	IP67									
Operating temperature	-22° to +170° F (-30° to +77° C)	-13° F to +185° F (-25° C to +85° C)	-13° to +170° F (-25° to +77° C)	-4° to +170° F (-20° to +77° C)				-13° to +149° F (-25° to +65° C)	-4° to +158° F (-20° to +70° C)	
Withstands Exposure To	Water and UV Resistant									Flame UL-2043
Compliant with	FCC / CE		FCC / CE / JRF / IC		FCC / CE		FCC / CE / IC / MIC	FCC/CE/UL/FRE; BLE; Wifi 2.4 GHz	FCC/CE; BLE; Wifi 2.4 GHz	

Battery life is dependent on device configuration, such as broadcast power and transmission rate. This estimate is based upon typical beacon configuration and use-cases. This estimate is subject to increase or decrease based on specific usage needs.

Advanced BLE Beacons with sensor technology and multi-protocol support

BEEKs™ Bluetooth Low-Energy (BLE) beacons are among the most advanced beacons in the industry. Being fully Apple iBeacon and Google Eddystone compatible, BEEKs beacons may be used for any standard beacon application that provides location based promotional services to smartphone users. When combined with HID Global's end-to-end IoT Services ecosystem, that includes BluFi™ BLE to WiFi gateways and the Bluzone™ cloud services, BEEKs can be centrally managed through the cloud to transfer messages, firmware updates and status information remotely. Their unique design allows BEEKs to broadcast reliably even in densely populated WiFi environments.

CE