SIGMA

SMART TAG

Beacon

PART ID:

4919

BLE beacon with 7-10 yr battery life. Longest battery life beacon. Does not include onboard sensors. Long battery beacon perfect for: RTLS [Real-Time Location System] – Tracks assets with a one-meter accuracy. PLS [Proximity-Based Location System] – Al



Main Specifications

Frequencies	LF HF UHF
Material	ABS
Operating Temperature	-30°C to 77°C
IP Class	IP67
Compliance	RoHs & Reach, CE
Key Features	Eddystone, iBeacon, Sophisticated Authentication, Location Accuracy, Cloud Managed

Full Specifications

Product ID	4919
Name	SIGMA
Material	ABS
Shape	BLE Beacon
Short Description	BLE beacon with 7-10 yr battery life. Longest battery life beacon. Does not include onboard sensors. Long battery beacon perfect for: RTLS [Real-Time Location System] – Tracks assets with a one-meter accuracy. PLS [Proximity-Based Location System] – Al
Long Description	BLE beacon with 7-10 yr battery life. Longest battery life beacon. Does not include onboard sensors. Long battery beacon perfect for: RTLS [Real-Time Location System] – Tracks assets with a one-meter accuracy. PLS [Proximity-Based Location System] – Alerts you know when an asset enters/exits or is in proximity to a specified area. Proximity Marketing – Provides behavioral analytics such as dwell-times, path history and merchandising effectiveness. Asset / wayfinding Beacon (no sensors). Extended battery for ~10 years Also great for retail applications that require multiple transmission protocols, high power and high broadcast rates. White Housing.
Key Features	Eddystone, iBeacon, Sophisticated Authentication, Location Accuracy, Cloud Managed

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Where application information is given, it is only advisory and does not form part of the specification.

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Article Type	Beacon
Color	White
Length [mm]	61.3
Width [mm]	37.2
Weight [g]	76
Operating Temp °C (min)	-30
Operating Temp °C (max)	77
Storage Temp °C (min)	-30
Storage Temp °C (max)	77
IP Class	IP67
Compliance	RoHs & Reach, CE
Battery	7200 mAh 3.6V
Battery Life	Up to 10 Years
AC Plugs	None
Power Consumption RX	7.5mA RX Active Mode
Power Consumption TX	6.5mA TX Active Mode
Power Output (Range)	-40dBm to +5dBm. Can be configured over the air (Phone of from Cloud via BluFi)
Power Consumption Sleep	1.6 ?A(SRAM retention and RTC running)
Bluetooth Type	Bluetooth Low Energy 4.1
Bluetooth Sensitivity	-97dBm
Bluetooth Max Power Output	+5dBm
Bluetooth Antenna	0dBm Single Antenna, Omni Directional
Bluetooth Data Rate	1Mbit/s / 2Mbit/s
Bluetooth Security	128 bit AES
Sensors	High Accuracy Temperature sensor, 3 Axis Accelerometer, magnetometer, Light Sensor
NFC and RFID Integration	No
Internal Flash Memory	55KB
LED	Red
Manage services	Cloud

VARIANTS

ID	Variant
4919-01-000-00	Industrial Plus

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