SIGMA

SMART TAG

Beacon

PART ID:

4918

Asset Beacon with removal alert. Sensors: Temperature, accelerometer, magnetic field. ~3 years battery life.

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	4918
Name	SIGMA
Material	ABS
Shape	BLE Beacon Anti Tamper
Short Description	Asset Beacon with removal alert. Sensors: Temperature, accelerometer, magnetic field. ~3 years battery life.
Long Description	Asset Beacon with removal alert. Sensors: Temperature, accelerometer, magnetic field. ~3 years battery life.
Key Features	Eddystone, iBeacon, Sophisticated Authentication, Location Accuracy, Cloud Managed
Article Type	Beacon
Color	Black
Diameter [mm]	34.2
Thickness [mm]	8.35
Weight [g]	7
Operating Temp °C (min)	-30
Operating Temp °C (max)	77

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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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Storage Temp °C (min)	-30
Storage Temp °C (max)	77
IP Class	IP67
Compliance	RoHs & Reach, CE
Battery	CR-2032 -3V
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
4918-01-000-00	Button w/ Sensors

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