SIGMA

SMART TAG

Beacon

PART ID:

4915

BLE beacon with 5-yr battery life. Includes onboard sensors for ambient light, temperature and 3-axis acceleration / vibration. Primary usage is Condition Monitoring and RTLS services. White housing4

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	4915
Name	SIGMA
Material	ABS
Shape	BLE Beacon
Short Description	BLE beacon with 5-yr battery life. Includes onboard sensors for ambient light, temperature and 3-axis acceleration / vibration. Primary usage is Condition Monitoring and RTLS services. White housing4
Long Description	BLE beacon with 4-yr battery life. Includes onboard sensors for ambient light, temperature and 3-axis acceleration / vibration. Primary usage is Condition Monitoring and RTLS services. White housing.
Key Features	Eddystone, iBeacon, Sophisticated Authentication, Location Accuracy, Cloud Managed
Article Type	Beacon
Color	White
Length [mm]	60
Width [mm]	21
Thickness [mm]	25

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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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Weight [g]	28
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	3.6V / 2600mAh – Primary Lithium
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
4915-01-000-00	Industrial White

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