SIGMA

SMART TAG

Beacon

PART ID:

4912

Primary usage is Workplace Optimization to understand space utilization, facilitate wayfinding, enable mustering, and to reinforce security measures through path history, dwell times and real-time location.

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	4912
Name	SIGMA
Material	ABS
Shape	BLE Beacon
Long Description	Primary usage is Workplace Optimization to understand space utilization, facilitate wayfinding, enable mustering, and to reinforce security measures through path history, dwell times and real-time location.
Key Features	Eddystone, iBeacon, Sophisticated Authentication, Location Accuracy, Cloud Managed
Main Use	Workplace Optimization
Article Type	Beacon
Color	White
Length [mm]	86
Width [mm]	54
Thickness [mm]	2.5
Weight [g]	14

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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	SixCR2016 Rated at 90 mAh each. Total 540mAh
Battery Life	~5 Yr
AC Plugs	None
Power Consumption RX	7.5mA RX Active Mode
Power Consumption TX	6.5mA TX Active Mode
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	3 Axis Accelerometer, Temperature
NFC and RFID Integration	optional
Internal Flash Memory	55KB
LED	Red

VARIANTS

ID	Variant
4912-01-000-00	BLE Badge

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