

SIGMA

SMART TAG

Beacon

PART ID:
4914

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. Industrial gray rugged housing perfect for Industrial applications

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	4914
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. Industrial gray rugged housing perfect for Industrial applications
Long 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. Industrial gray rugged housing perfect for Industrial applications.
Key Features	Eddystone, iBeacon, Sophisticated Authentication, Location Accuracy, Cloud Managed
Article Type	Beacon
Color	Grey
Length [mm]	60
Width [mm]	21

©TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility.

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

Thickness [mm]	25
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
4914-01-000-00	Industrial Grey