SIGMA
SMART TAG
Beacon

PART ID:
4924

Asset Beacon (no sensors) with removal alert. ~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	4924
Name	SIGMA
Material	ABS
Shape	BLE Beacon
Long Description	Asset Beacon (no sensors) with removal alert. ~3 years battery life
Key Features	Eddystone, iBeacon, Sophisticated Authentication, Location Accuracy, Cloud Managed
Main Use	Asset Tracking
Article Type	Beacon
Color	Black
Diameter [mm]	34.2
Thickness [mm]	8.35
Operating Temp °C (min)	-30
Operating Temp °C (max)	77
Storage Temp °C (min)	-30
Storage Temp °C (max)	77

© 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.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10

IP Class	IP67
Compliance	RoHs & Reach, CE
Battery	CR-2032 -3V
Battery Life	~5 Yr
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	None
NFC and RFID Integration	No
Internal Flash Memory	55KB
LED	Red

VARIANTS

ID	Variant
4924-01-000-00	Button Lite w\o Sensors

© 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.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10