

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.

| | |
|----------------------------|--|
| 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 |