

IoT WEARABLE DEVICES

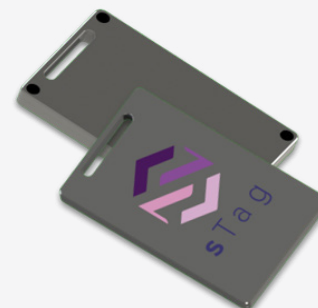
sTag

Tracking Badge

sTag is a BLE 5.0 tracking beacon tag that can be placed on assets or worn by people, mainly used for people and asset tracking functions.

It sends continuous advertise messages for locating purposes and it is equipped with MEMS / sensors covering a full spectrum of applications from IoT low-power devices and battery-operated applications, to high-end devices for accurate navigation, positioning and environmental status.

sTag provides a complete range of sensors suitable to be applied in early failure detection and predictive maintenance systems where vibration, temperature, pressure, sound and acoustics analysis are needed. As the device's application changes, sTag shells are made in different shapes, dimensions and materials. Depending on the device's configuration, battery can last different amounts of years.



Product Features	
Product Code	50.100008.005
Power Supply - Battery	CR3032 button battery, nominal voltage of 3V
Embedded sensors & MEMS	Pressure, Temperature, Humidity (optional), Distance Measuring (optional), Accelerometer & Gyroscope Microphone (optional)
Communication	Bluetooth 5.2
Antenna	Internat
Internal Memory	256 kB Flash memory and two banks of 12 kB ultra-low leakage static RAM blocks
Operating Temperature	-40°C to +105°C
Protection	IP54
Size and weight	80x50x7mm - 30gr
Warranty	1 year (battery excluded)
Certifications	CE (EMC, EMF, RoHS) , FCC pending approval