



# RFID Sensor Systems

Sensing, Tracking, and Data Logging

## S100 Passive RFID Cardiopulmonary Monitoring System

RFID Sensor Systems offers tags, readers, and small systems compliant with the EPC Gen2 Class 1 international standard. We offer a variety of tags with different mounts and read/write range. Our product line is further enhanced with EPC Gen2 Class1 tags providing immediate sensor data and logged sensor data. Most of our tags are also available with adhesive backing, Velcro-like backing, magnetic strip backing and screw-hole mounting options. Our passive tags contain industry standard CMOS Gen2 Class1 integrated circuit ICs. Our Gen2 sensor tags include in-house proprietary CMOS designs.

RFID Sensor is a specialist RFID supplier of high performance RFID components and small systems. We invite inquiries for further customized system deliveries.



Sensor with Velcro™ chest strap

Sensor with adhesive backing

Stationary reader

### **EPC Gen2-class3 compatible acoustic sensor system**

Features	
Tag Dimensions:	3.2 X 4.7 x 0.6 in. (81.3 x 119.4 x 15.4 mm) not including chest strap
Fully passive read range:	20 ft (6 meters) frontal
Bandwidth	100 Hz
Tuned response:	Phonocardiography PCG
User memory size	512 user bits + 96 bit EPC code + 64 bit unique TID + 32 bit security password +
800 bits total	32 bit kill password
Standard color:	Ivory
Case material:	ABS
Tag visual:	Can be customized with client logo



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