



## Sentry 4607 II



### ▶ Overview

The Sentry 4607 II is a slim, mount-on-metal tag that provides excellent read range in a low profile format. The tag's narrow width makes it easy to mount on a wide variety of small tools, weapons or instruments. Its low profile, only 0.070" thick, makes it ergonomically suitable for mounting on items that are used manually.

Standard on this tag is our ViziCore construction which provides added impact and temperature resistance for use in these applications. Like all Sentry products, the 4607 can easily be adapted for applications involving overmolding/overspraying, embedding in metal. The tag is intrinsically rugged and can tolerate repeated exposure to high temperatures, vibration and impact.

### ▶ Features & Benefits

- Read distances of 10-11 feet on metal surfaces
- Low profile providing ergonomic compatibility for hand tools
- Tolerant of repeated exposure to high temperatures, vibration and impact
- Low cost – excellent performance for a low price

**Part Number**  
AST1-135-0001

#### Industries

- ▶ Manufacturing
- ▶ Construction
- ▶ Government/Military

#### Applications

- ▶ Metal Tools
- ▶ Work In Process
- ▶ Weapons Management

#### Why Vizinex?

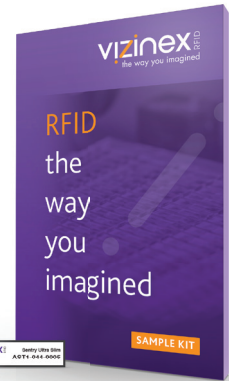
- ▶ Trusted Technology
- ▶ Innovative Design
- ▶ High Performance
- ▶ Unmatched Customer Service

› **The Sentry Platform**

Vizinex RFID's Sentry line of high-performance, cost-effective and application-specific RFID tags are based on a printed circuit board platform. This well-established manufacturing process offers unsurpassed reliability and consistency in read range performance. At the core of the tag is a fiber-reinforced composite material that gives the Sentry tag its innate ruggedness. The innovative patented tag design enables fast prototyping and affordable customization – essential to the expanding requirements of the RFID industry.

› **Sentry 4607 Specifications**

Physical	
Dimensions	46mm x 6.9mm x 1.7mm (1.8" x .28" x .07")
Use Case	On metal
Attachment	High-performance acrylic adhesive
Weight	1.5 grams
Electrical/RF	
Typical Read Range	10-11 feet on metal at 36 dBm ERP
Frequency	902-928 MHz
IC Platform	Impinj R6-P
Memory	EPC of 128 bits plus 32 bits of user memory, or EPC of 96 bits plus 64 bits of user memory
Environmental	
Classification	IP68
Operating Temperature	-50°C to +85°C (-58°F to +185°F)
Temperature Tolerance	-50° C to +185° C (-58°F to +365°F)
Steel Ball Drop Test	18" drop with 1" diameter steel ball



**What can Vizinex RFID do for your company?**

Email [sales@vizinexrfid.com](mailto:sales@vizinexrfid.com) or call 215-529-9440 to talk about your needs and requirements.



**About Vizinex RFID**

Vizinex RFID, headquartered in Bethlehem, PA, designs and manufactures RFID tags for diverse asset tracking applications from rugged environments in the oil industry, to medical devices requiring repeated sterilization, to long-range vehicle tracking. With prototyping and manufacturing located in the U.S., our time from concept to delivery is unmatched. Vizinex RFID maintains a tradition of innovation, superior functionality and outstanding customer support, allowing us to deliver RFID ... the way you imagined.