

# Sentry Slim

Trusted Technology  
Innovative Design  
High Performance



Low Profile UHF Tag for Mount on Metal Applications

## Industries

- Manufacturing
- Automotive
- Healthcare
- Defense
- Financial Services

## Applications

- Metal containers
- IT Assets
- Laboratory equipment management
- Work in process
- Weapons management

## Overview

The Sentry Slim is a small footprint, mount on metal tag that provides the read range and low profile desired for use on IT assets such as networking equipment and servers in data centers. At just 0.1" thick and 0.6 in<sup>2</sup>, it delivers an 8 - 10 foot read distance. Its low profile also makes it suitable for weapons, laboratory equipment and work in process tracking. Like all Sentry models, its core construction provides inherent durability for use in many warehouse and manufacturing environments.

For applications in which high temperatures or the potential for high impact are a concern, the Sentry Slim is available with the ViziCore high temperature/high impact upgrade option.

## Features & Benefits

- Read distances of 8 - 10 feet on metal surfaces
- High performance acrylic adhesive
- Low profile, small footprint providing excellent performance-to-size ratio
- Additional data storage: 96-bit EPC memory plus 512-bit user memory
- Inherently durable for use in warehouse and manufacturing environments



### Sentry Slim Specifications

#### Physical

- Dimensions 36.3mm X 10.9mm X 2.8mm (1.43" x 0.43" x 0.11")
- Use Case On metal

- Attachment High Performance Acrylic adhesive

- Weight 2 grams

#### Electrical/RF

- Typical Read Range 8 - 10 feet at 36 dBm ERP
- Frequency 902-928 MHz
- IC Platform Alien Technology Higgs3
- IC Memory 96 bit EPC  
512-bit user memory

#### Environmental

- Classification IP67
- Operating Temperature -50°C to +85°C (-58°F to +185°F)

- Part Number AST1-017-0001

### About 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, patent-pending tag design enables fast prototyping and affordable customization - essential to the expanding requirements of the RFID industry.

### About Vizinex RFID

Vizinex RFID, headquartered in Allentown, 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.

To order your Vizinex tag sample kit or for more information about Vizinex RFID, contact us at sales@vizinexRFID.com or 215.529.9440.