

Sentry ViziLabel

Trusted Technology
Innovative Design
High Performance



Passive UHF Durable Label for Non-metal Assets

Industries

- Academia
- Automotive
- Healthcare
- Defense
- Financial Services

Applications

- Non-metal IT Assets
- Laptops
- Plastic Containers

Overview

The Sentry ViziLabel combines the durability of our Sentry printed circuit board platform with the thinness and flexibility of a standard RFID label. It is designed for use on non-metal assets and offers 10 - 12 foot read distances with a fixed reader. It is ideal for high-use assets such as office copiers/printers and computer monitors. It also performs exceptionally well as a laptop tag when optimal placement is determined.

Features & Benefits

- Read distances of 10 feet on most non-metallic surfaces
- Thin and flexible
- Inherently durable for warehouse and manufacturing environments and for high-use assets
- Additional data storage: 96-bit EPC memory plus 512-bit user memory



Sentry ViziLabel Specifications

Physical

• Dimensions	70mm X 15mm X 0.4mm (2.76" x 0.594" x 0.015")
• Use Case	Non - metal applications
• Attachment	High performance acrylic adhesive

Electrical/RF

• Typical Read Range	(fixed reader): 10 - 12 ft
• Frequency	902 – 928 MHz (US)
• 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	AST1-060-0001
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About the Sentry AST™ 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.



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