Vizinex RFID Product Comparison Chart

Vizinex is proud to offer a wide range of RFID tags, all of which can be configured to meet your exact needs. No matter the use case – heavy-, medium- or light-duty, indoor or outdoor, challenging or simple – we have the products and experience to put RFID to work for you.

All Vizinex RFID tags are engineered with our unique ViziCore™ technology, designed to allow manufacturers and OEMs to incorporate RFID into their products from Day 1.

All-Surface Tags

	Read Range	Small Footprint*	Use Case	Special Features
Sentry Multi-Surface	7'	✕	General asset tagging for IT, office and factories	Easy to use. Works well on virtually any surface.
Sentry Duo	7'	✕	General asset tagging for IT, office and factories	Works well on virtually any surface. Includes a slot for hanging the tag with a cable tie or wire.
Sentry XLR	80' Metal 65' Off Metal		Large assets, vehicles, trailers	Extra rugged; impact and weather resistant. Superior read range in a compact, low-profile package.
Sentry Slim Multi-Surface	9'	✕	Tagging of cable assets and other metal embedded assets	Can utilize a molded holder for sturdy attachment to cables.
EMX-1	15' on plastic, metal – imbedded plastic or	✕	General asset tracking in less demanding, indoor	First in a line of low cost RFID tags that offers multi-surface use in a thin

metal
surfaces   environments.   package.

Mount-on-Metal Tags

	Read Range	Small Footprint*	Use Case	Special Features
Sentry Ultra Slim	3'-5'	✕	General asset tagging for IT, office and factories	Extremely low profile; 1.5mm thick with small footprint.
Sentry Ultra Slim 270	3'-5'	✕	Small tools and slim IT assets.	Ultra-low profile, small footprint providing excellent performance-to-size ratio
Sentry Slim	8'-10'	✕	General asset tagging for IT, office and factories	Low profile; 2.5 mm thick.
Sentry Shortie	6'-8'	✕	High-value metal assets with limited tagging space	Low-profile with a reduced footprint. 6 – 8 foot read range in a short, thin package.
Sentry Shortie 270	3'-5'	✕	Small tools, weapons and slim IT assets	Its low profile makes it suitable for weapons, laboratory equipment and work in process tracking
Sentry Metal	12'-15'	✕	General asset tagging for IT, office and factories	Best in class footprint-to-read range performance; 5mm thick.
Sentry Autoclave	6'-8'	✕	Medical and industrial	Survives hundreds of autoclave cycles. Used on molds and tools that see high temperatures.

	Read Range	Small Footprint*	Use Case	Special Features
Sentry MidRange	25'		General asset tagging for IT, office and factories	Best in class footprint-to-read range performance; low profile.
Allied VX-Mid	25'		Industrial assets, metal containers, vehicles	Encapsulated. IP68. Includes mounting holes.
Sentry IT Worldwide	8'-10'	✕	IT equipment manufactured and shipped around the world	Exceeds FSTC specifications in both 865.6 – 867.6 and 902 – 928 MHz frequency bands
Sentry Skinnie	6'-10'	✕	Small tools and slim IT assets.	Inherently durable with a small footprint providing excellent performance-to-size ratio

Non-Metal Tags

	Read Range	Small Footprint*	Use Case	Special Features
Sentry ViziLabel	8'-12'		Indoor non-metal assets	Combines the low profile of a label with the durability of a Sentry tag.

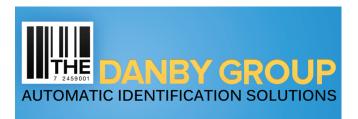## Examples of Custom Tags Produced Using ViziCore Technology

	Read Range	Operation	Special Features
Rubber Encapsulated Tag	1'	Mount on metal, UHF	Embedded in drilling/mining equipment that goes underground and is exposed to extreme conditions. Capable of withstanding 400 degrees F and 30,000 PSI. View Case Study.
Embedded High-Memory Tag	2"	Plastic mounted, HF	Embedded in medical instrument; used to store use and configuration info. Survives up to 200 autoclave cycles. View Case Study.
Slim Mount-on-Metal Tag for High Densities	4'	Mount on metalized bags, UHF	Can be read in high-density environments. Used for tracking biological samples stored in moisture impermeable bags.

Worldwide Frequency Tag	10'	Mount on metal	Meets U.S., European and Japanese frequencies. Used to tag IT devices shipped all over the world. View Case Study.
Rugged Rubber Embedded Tag	2'	Rubber embedded, UHF	Capable of withstanding rubber lamination and vulcanization. Used to track rubber products as WIP in the factory, and FG in the distribution chain.
High Temperature Resistant Tag	10'	Mount on metal, UHF	Used to track molds that regularly see very high temperatures. View Case Study.
High Memory IT Asset Tag	2"	Mount on metal, UHF	Used to provide configuration and location data for IT assets mounted in special racks.

All Sentry products:

- Come standard with a premium quality PSA for mounting. Optional adhesives are available for high temperature, low surface-energy plastics and high-tack/high-weatherability metal surfaces. Contact us if you have special requirements for mounting.
- Can be upgraded to withstand high temperatures.
- Can be encapsulated with injection molding or rubber overmold by the user.
- Are designed for compliance with AS5678.
- Include programming and custom labeling.

* – "Small Footprint" implies < 1.45″ x .45″

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