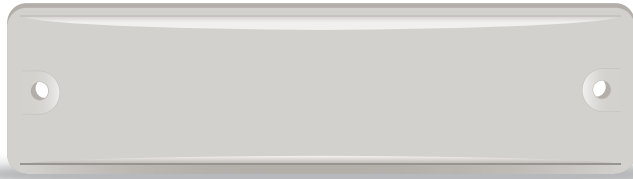




XLR



Passive UHF Extended Range Tag in a Sleek and Durable Package

> Overview

For long-range asset identification, the XLR RFID tag provides exceptional read distances in a sleek, compact, and durable package. Engineered for use on a wide range of surfaces including metal, wood, and most plastics, the XLR tag has been designed for outdoor and industrial environments and can withstand repeated exposure to vibration, weather elements, salt sprays, and other demanding conditions. With its extended range, the XLR tag offers 85' read distances on metal surfaces and 65' off metal with polycarbonate protection. The XLR tag is a cost-effective alternative to active tags for applications including: military asset tracking, cargo and container tracking, yard and fleet management, and pallet tracking. The XLR can easily be adapted for applications involving overmolding/overspraying, embedding in metal or composites, or repetitive high temperature exposure such as Autoclave service. The XLR is available in US or EU version.

Features & Benefits

- Extended read performance of 85' on metal surfaces and 65' on other surfaces
- Compact size (smaller than most smartphones)
- Industrial design incorporating a rigid, stainless steel backplate withstands repeated exposure to vibration, temperature extremes, mechanical shock, and salt sprays
- Cost-effective long-range tracking compared with active tags
- Efficient and reliable tracking of assets during transportation or in a large yard
- Low cost customization: option to specify cover color and include your logo, or take advantage of Vizinex's Service Bureau to add a barcode label and encoding

Part Number

AST1-068-0001

Industries

- ▶ Military/Defense
- ▶ Transportation
- ▶ Aerospace/Marine
- ▶ Automotive
- ▶ Heavy machinery

Applications

- ▶ Military asset tracking
- ▶ Yard/Fleet management
- ▶ Cargo and container tracking
- ▶ Pallet tracking

Why Vizinex?

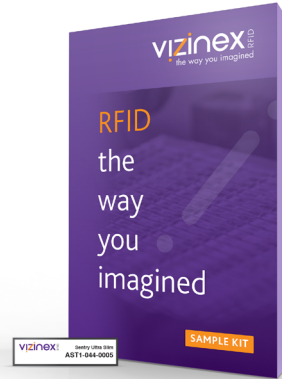
- ▶ Trusted Technology
- ▶ Innovative Design
- ▶ High Performance
- ▶ Unmatched Customer Service

This product is covered under US Patent 8,925,824.

This product is compliant with RoHS Directive 2011/65/EU.

▶ XLR Specifications

Physical	
Dimensions	5.7" x 1.48" x 0.27" (145mm x 37.5mm x 6.8mm)
Use Case	On or off metal
Attachment	Screw/Rivet, High performance acrylic adhesive option
Encasement	Rigid Polycarbonate and stainless steel backplate
Electrical/RF	
Typical Read Range	85' on metal, 65' off metal
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 +185°C (-58°F to +365°F)
Shock Vibration	MIL STD 810-F and BS EN 60068-2
Temperature Tolerance	-50°C to 150°C (-58°F to 302°F)



What can Vizinex RFID do for your company?
 Email 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.