



Sentinel VX-Mid ON METAL RFID TAG

› The Sentinel Platform

Starport's RFID's Sentinel 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 Sentinel tag its innate ruggedness. The innovative, patented tag design enables fast prototyping and affordable customization - essential to the expanding requirements of the RFID industry.

› Allied Series VX-Mid Specifications

Physical	
Dimensions	27.9 x 58.4 mm (1.1" x 2.3")
Use Case	On Metal
Attachment	2 screws or rivets; 3M high strength VHB adhesive available as an option
Encasement	Polypropylene
Electrical/RF	
Typical Read Range	25 feet at 36 dBm EIRP
Frequency	902-928 MHz
IC Platform	Alien Technology Higgs3
IC Memory	96 bit EPC 512-bit user memory
RF Protocol	UHF, EPC Class 1 Gen 2 ISO18000-6C
Environmental	
Classification	IP67
Operating Temperature	-50°C to +85°C (-58°F to +185°F)
Temperature Tolerance	-50°C to 150°C (-58°F to 302°F)
HT/Hi upgrade	-50°C to 185°C (label maximum temperature is 160°C)