



Sentinel Duo ON/OFF-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.

› Sentinel Duo Specifications

| Physical | |
|-----------------------|--|
| Dimensions | 36.3mm X 10.9mm X 5.6mm (1.43" x 0.43" x 0.2") |
| Use Case | On or off metal, hang tag |
| Attachment | High performance acrylic adhesive, slot for hanging |
| Weight | 3.5 grams |
| Electrical/RF | |
| Typical Read Range | 7 - 9 feet at 36 dBm ERP |
| Frequency | 902 - 928 MHz (European and US Frequency Bands) |
| 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) |
| Temperature Tolerance | -50°C to 150°C (-58°F to 302°F) |
| HT/HL upgrade | -50°C to 185°C (label maximum temperature is 160°C) |