



Applications

- Retail
- Supermarket
- Pharmacy
- Asset Tracking
- Source Tagging

Why RFID Detacher?

- Improve the pleasure of open-shelf shopping
- Increase sales by open shelves
- Dramatically decrease customers checkout time
- Ensure accurate price counting
- Eliminate shoplifting
- Increase sales revenue
- Reduce operating costs
- Use your existing POS software and hardware



Radiant Sensors designs, develops and manufactures passive and active RFID hardware products as well as IoT sensor devices for short-range and long-range wireless identification technology.

Our devices are field-proven and have been in operation for many years throughout the world.

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RFID Detacher

RFID Detacher is a break-through EPC global Class-1 Gen-2 compliant device from Radiant Sensors with the capability of encoding, reading and retiring RFID tags. It is a plug & play device which conveniently connects to the USB ports and does not need software integration or driver installation. RFID Detacher gives you the means to reuse RFID tags over and over, hence eliminating the repetitive cost of RFID tags in a retail environment. During the process of receiving the items, the RFID Detacher can encode the desired information into the RFID tag and transfer the information to the host via USB.

Once an item is sold, the RFID Detacher aids in physically removing the RFID tag from the item as well as scanning its Tag ID at the same time. It will then update the database automatically with the sold item data.

Shorter checkout lines, accurate price and enhanced shopping experience are the results of using RFID Detacher.

Specifications

Model No.	RSRD-100
Description	RFID Encoder-Detacher
Dimensions	(H xW x L) 4x 4 x 3 in (10x 10x7.62 cm)
Supported Standards	EPC Gen 2
RFID Output Power	18 to 25 dbm
Frequency Range	Global
Connectivity	USB
Magnet Force	3kgs
Weight	1.5KG
Input Power	5 VDC @ 500 mA
Ingress Protection	IP54
Color	White
Material	Steel/Acrylic
Storage Temperature	-10°C to + 85°C
Operating Temperature	10°C to +70°C
Humidity Operating Range	Up to 70% relative humidity