

RESTEASY RFID

BY RMS OMEGA

Positive Patient ID With RFID Technology

Let Your Patients Rest

Positively identify your patients without disturbing them. Collect patient information from 18 inches away through blankets and clothing using UHF RFID readers and specialized patient ID wristbands.

UHF radio frequency identification (RFID) technology allows your staff to efficiently collect patient data without moving or adjusting the patient to scan a barcode. RMS Omega has developed an effective combination of specialized wristbands equipped with passive RFID tags and corresponding readers to verify patient information from a pre-determined distance. A passive RFID tag can be read from anywhere within range of the reader. The read range and frequency levels can be adjusted based on the RFID equipment selected and the specific needs of each hospital.

Identifying Your Tiniest Patients With RFID

With RFID wristbands, nurses can quickly scan and identify infant patients through an isolette without having to un-swaddle or wake them. Wristbands are soft and comfortable for babies, featuring adjustable adhesive closures to fit even the smallest of patients.

In addition to RFID tags, readers can also capture barcodes to verify patient medications, specimens, charts, and more.



RFID in the NICU



The Total Solution: RMS Omega provides RFID readers, wristband and label printers, tags, supplies, portals, and more.

Promotes Sleep in the NICU

Sleep is extremely important for recovery, growth, and development of very young and sick babies. With RFID scanning, the infant is left sleeping soundly. Studies have shown that sleep is important for recovery, growth, and development of very young and sick infants.

Protects Baby's Eyes

Keep scanner beams away from baby's face and provide accurate identification through padded isolette covers. RFID scanners do not have laser beams so there are no strong lights involved with scanning. The infant's eyes will be left unharmed.

Thermal Shock

No need to open the isolette which creates a thermal break, which is very traumatic to an infant.

RestEasy RFID Solution Components

RestEasy RFID requires just 3 pieces of hardware and no software. This results in easy implementation with no strain on your IT department.

UHF RFID Reader & Scanner



The RFD8500 UHF RFID sled adds high-performance UHF RFID and barcode capture to the mobile devices of today and tomorrow. When it comes to performance, whether users are capturing RFID tags or barcodes, the RFD8500 is unparalleled: users can capture tags and barcodes faster and with ease, improving productivity, operational efficiency, and customer experiences.

This Bluetooth® UHF RFID Reader is designed to read and write to EPC Class 1 Gen 2 (ISO18000-6C) UHF transponders and communicate with a variety of host devices via Bluetooth® wireless technology. With its fast read rates and customizable read ranges, it's bound to help increase productivity.

The RFD8500 has style you can admire and comfort you can feel, flexibility you need, performance you can rely on, battery life you can take for granted, and value you can appreciate.

Fast RFID Tag Capture

With a new antenna design, users get maximum read/write speeds and coverage required to maximize workforce efficiency.

Easy Toggle Between RFID & Barcode

Users can instantly capture any printed or electronic 1D/2D barcodes, even if they're dirty, damaged, or poorly printed. Simply tap a button to switch between RFID and barcode scanning modes on the fly, maximizing ease of use and productivity.

Flexible Connectivity Options: Bluetooth® or Batch Mode

Enable a real-time, wireless connection to your mobile or backend system via Bluetooth 2.1 or later. If a wireless connection is not available, batch mode enables the collection of data that can be synced to upload data at any time.

RFID Wristbands/Anklebands

RMS Omega's RFID thermal wristband and ankleband materials and coatings are specifically engineered for comfort and contact to human skin. They are made of hydrophobic material which is designed for direct skin contact in medical and surgical environments. The thermal sensitive layer comprised of a polymeric binder, sensitizer, developer, and leuco dye coated directly on the base material. The primer layer comprised of a water soluble polymer coated directly onto the thermal sensitive layer. And, the heat resistant top coating comprised of a cross-linked, photo polymerized acrylic. Available in infant sizing.

- **Soft & cushioning - highly comfortable**
- **Hypo-allergenic adhesive**
- **Includes RFID inlay (chip and antenna)**



RFID Printer & Encoder



The ZD500R RFID printer will easily encode and print UHF RFID wristbands for patients of all sizes. By using an RFID wristband, your staff can verify a patient's identity without having to move or disturb them.

The ZD500R is small in size and will easily fit into your busy workstation. With automatic calibration, you'll enjoy lower media cost, less waste, and fewer roll changes.

- **RFID:** Supports tags compatible with UHF EPC Gen 2 V1.2/ ISO 18000-6C
- **Print Methods:** Thermal Transfer or Direct Thermal
- **Programming Language:** ZPL
- **Construction:** Dual-wall frame