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 the Tiniest of Patients with RFID.

With RFID wristbands, nurses can quickly scan and identify infant patients 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.

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

RFID provides instant verification. There is no need to get close or adjust the patient to scan a barcode.

Use RFID to identify patients in the OR, NICU, and ICU. Verify patients through blankets, clothing, incubators & drapes.

Wristbands contain a specialized passive RFID tag tested for optimal use in medical environments.

RMS Omega’s UHF RFID readers can quickly and easily scan barcodes in addition to RFID tags. Choose the reader that best suits your needs, including Bluetooth®, cordless and corded versions.

Contact us to schedule a demo!

RMS Omega Healthcare Technologies

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RestEasy RFID Solution Components

UHF RFID Reader & Barcode 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 - Style you can admire. Comfort you can feel. Flexibility you need. Performance you can rely on. Battery life you can take for granted. And value you can appreciate.

Features:

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.

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

Multi-OS and Multi-Platform
Leverage your mobile computing strategy and add world-class data collection capability in an economical way.

Easily Toggle Between RFID and Barcode Scanning
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.
RFID Wristbands

RMS Omega’s RFID thermal wristband materials and coatings are specifically engineered for comfort and contact to human skin. Available in infant sizing.

Features:

- Soft and Cushioning - Highly comfortable
- Opaque Ivory Color
- Hypo-allergenic adhesive
- Includes RFID inlay (chip and antenna)
- Material (hydrophobic, designed for direct skin contact in medical and surgical applications)
- Thermal sensitive layer comprised of a polymeric binder, a sensitizer, a developer and a leuco dye coated directly on the base material
- Primer layer comprised of a water soluble polymer coated directly onto the thermal sensitive layer
- Heat resistant top coating comprised of a cross-linked, photo polymerized acrylic

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.

Features:

- **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
- Prints and encodes tags with a minimum pitch of 0.6”/16 mm (without cutter option)
- Adaptive Encoding Technology simplifies RFID setup and eliminates complex RFID placement guidelines
- RFID job monitoring tools track RFID performance
- RFID ZPL® commands provide compatibility with existing Zebra RFID printers
- Support for industry standard multi-vendor chip-based serialization (MCS)
- Supports block permalocking of user memory compatible with ATA Spec 2000
- Integrated ThingMagic® RFID Reader/Encoder

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