

DualSMART® Compact RFID

Secure and Effective Medication
and Supply Management with
RFID



DualSMART® Compact RFID is a system that elevates medication and supply management in hospitals to the highest level. This system minimizes manual processes while reducing the time spent at the station, maximizing the time allocated for patient care and enhancing patient safety.

The system enables real-time tracking of inventory through RFID technology, automates processes, prevents the use of expired or recalled products, and provides alerts to avoid stock outs. Secure access control allows only authorized personnel to access critical items, thus preventing misuse and ensuring inventory safety. It optimally manages high-cost medications and supplies that require high security, maximizing safety and resource utilization.

The basket and tray system with varying heights allows for the efficient storage of medications and supplies of all different sizes, providing maximum space utilization and functionality. The adjustable and tiltable basket and tray system enables efficient storage of medications and supplies, maximizing space and functionality.

DualSMART® Compact RFID easily manages the load, refill, take and return processes using RFID tags attached to medication and supply packaging. Stock levels are updated instantly with RFID technology and automatically integrated into the hospital information management system, reducing manual processes, increasing efficiency, and minimizing stock errors.

The system is compatible with various types of RFID tags, allowing for individual tag selection based on specific needs. Particularly, LED RFID tags stand out for their additional advantages for chaotic storage environments. When LED RFID tags are used, the LED indicators provide quick product location through visual alerts, enhancing workflow efficiency.



System Features

Efficiency and Traceability

- The system utilizes advanced radio frequency identification (RFID) technology to ensure precise tracking of medications and supplies without blind spots, while also offering customizable options to meet the specific needs of the institution for optimal performance and efficiency.
- Elevates medication and supply management to an advanced level with RFID technology, making processes more efficient and facilitating traceability.
- The system leverages RFID technology to minimize error rates and eliminate inconsistencies, enhancing control and security in healthcare operations. It strengthens inventory and patient safety, provides real-time visibility, and maximizes operational efficiency to create an optimal care environment.
- Easily controls minimum, maximum, and critical stock levels with RFID-based inventory management.
- Securely tracks expiration dates, lot numbers, and serial numbers with real-time monitoring provided by RFID.
- Easily manages consignment, reuse, and cost center supplies with RFID.
- With the Clinical Data Messenger (CDM) feature, the communication between nursing unit and supply management/pharmacy is enhanced that improves patient safety.
- Offers RFID solutions that strengthen compliance with international healthcare standards, achieving success in accreditation.

Flexibility and Customization

- The system supports various RFID tag types to meet the needs of the institution.
- The system offers various RFID-compatible configurations such as basket, tray, shelf, catheter rack module, and vertical catheter holder.
- RFID-compatible baskets and trays are available in depths of 5 cm, 10 cm, and 20 cm, and can be divided into compartments to ensure the orderly and secure storage of various medical products.
- The **DualSMART® Compact RFID** main station configuration solution can be extended by adding auxiliary towers that can also accommodate basket, tray, shelf, catheter rack module, and vertical catheter holder.

Ease of Use

- Effectively manages medication and supplies of various sizes at a single point of use with RFID technology.
- Adjustable and tiltable baskets and trays provide quick and easy access to medications and supplies.
- Supports pick to light LED RFID tags, enabling fast and precise item location through LED lights, which enhances workflow efficiency in complex storage environments.



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