RFID-Based Medication Dispensing Solution

Enhance CLMA medication dispensing efficiency with RFID tracking technology

eMAR

CLMA

PhIS

CPOE

BCMA

EMR

HIS

18A

Obstetrics and Gynecology

RFID Bin

HiMSS

STAGE	**HiMSS** *Analytics* **EMRAM** EMR Adoption Model Cumulative Capabilities
7	Complete EMR; External HIE; Data Analytics, Governance, Disaster Recovery, Privacy and Security
6	Technology Enabled Medication, Blood Products, and Human Milk Administration; Risk Reporting; Full CDS
5	Physician documentation using structured templates; Intrusion/Device Protection
4	CPOE with CDS; Nursing and Allied Health Documentation; Basic Business Continuity

According to the HiMSS Analytics' electronic medical record adoption model (EMRAM), technology-enabled medication dispensing is a key Stage 6 requirement for enabling the adoption and utilization of electronic medical records (EMRs) in hospitals. Advantech's intelligent medication administration solution streamlines medication inventory and dispensing at hospital pharmacies, nursing stations, and patient wards. By utilizing RFID technology and individual bin locking mechanism, the solution reduces errors and ensures secure medication bin exchanges during the dispensing process. Moreover, to support all existing medication management processes and ensure the correct medication is provided to the correct patient, Advantech's intelligent medication dispensing solution is compatible with centralized, decentralized, and hybrid medication distribution models.

RFID-Based Medication Bin Setting Station   **AMiS-810**

The RFID-based medication bin setting station uses RFID scanning to match each medication bin with the correct medication and patient for automated medication bin management. With this station, RFID tags are encoded with the patient ID and medication information and then affixed to a specific medication bin for subsequent administration.

General UD Cart   **AMiS-830**

The computerized unit dose (UD) cart with integrated touch computer and bar-code reader is used to transfer the RFID-tagged medication bins from the pharmacy to the nursing station or patient wards. The exchangeable design of the electronic medication box allows the box to be easily exchanged at the pharmacy, saving time.

Intelligent Medication Cart   **AMiS-850**

Equipped with an electronic medication box, the AMiS-850 cart is ideal for patient medication administration in hospital wards. With the individual bin locking mechanism, nurses can use the barcode reader to scan patient wristbands and unlock the correct medication bin for increased medication control and safety. This cart optimizes patient care by providing a mobile point-of-care workstation seamlessly integrated with a first-class medication cart.

Automated Dispensing Cabinet   **AMiS-870**

The AMiS-870 automated dispensing cabinet improves medication management by capturing medication data to streamline dispensing and reduce inventory holding costs. By enabling inventory tracking and automated data collection, this cabinet offers clinicians enhanced control over the medication dispensing process while freeing up more time for patient care.

Key Features

RFID-based medication bins with individual locking mechanism	Supports centralized, decentralized, and hybrid medication management	Medication API and demo program can be integrated with electronic medical records	Offers secure access and control of all medications

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If you are interested in becoming an *Advantech* medication dispensing solution partner, please contact us at amis.sales@advantech.com

Service & Support

Advantech global service centers ensure the best customer service. Dedicated Advantech engineers in RMA centers around the world provide timely support. We are known for product longevity and standard 2-year warranty.

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