AMiS-850 Medication Cart

Features

- Assign bin(s) to a type of medication or Patient ID
- E-Medication bin could be track by systems
- Provide Interface to Integrating flow with any eMAR
- Open bins automatically
- Easy to disassemble and transfer Access to logfiles
- Medical cart provide more mobility and suitable for different using scenario
- Reliable battery can support 8-10 hours operation
- Ergonomic design for motor lifter to adjust height electrically

Introduction

Closed loop medication administration (CLMA) is a workflow improvement process that involves electronic medication management for seamless information integration. CLMA minimizes the errors of high alert and anesthetic medicine management in OR/Wards, and increases overall patient safety. AMiS+ iMedication is designed for fulfilling the request of CLMA. It includes medical all-in-one computer, fully integrated cart, E-medication box and intelligent management API. It provides a total solution of delivery, identification, backtracking for CLMA.

Specifications

Base Cart	Footprint	19.7" x 18.5" (500 x 470 mm)
	Casters	125mmx125mm (Anti-Static Medical casters, two locking, two non-locking)
	Height Adjustment Range	34"~45.8"(864~1164mm) Stroke 300mm
	Display Holder	Standard VESA Mount (VESA 75/75; VESA 100/100); Weight capacity: max. 18 kg
	Dashboard	Battery power button Computer power button LED for battery capacity indication
	Work surface	18.5" x 19.3" (469.9 x 489.9 mm) Extra Loading Capacity: Up to 66lb/30kg
	Keyboard & Mouse Area	Keyboard size: Up to 380 x 140 x 25mm Keyboard LED light Mouse tray
	Accessory Integration Interface	Neck: Dove Tail Work Surface: Din Rail (Right, Left and Rear)
Power Module	Battery type	Lithium-ion
	Battery capacity	420Wh
	Power Input Voltage	100-240 V_{AC}, 50-60H, Max 4.5A
	DC Output Voltage	System 1: 19 V_{DC}, Max. 6 A System 2: 12 V_{DC}, Max. 5 A
	Battery Life SPAN	Capacity 80%, 2000cycles or 2 years (Depends on which term come first)
	Battery Runtime (Depends on system configuration)	8~10 hours

Specifications (Cont.)

E-Medication box	Level	4 level
	Weight	< 20 kg
	Box Dimensions	W 470 * L 380 * H 410 (mm) ± 10mm
	Bin Dimensions	W 95 * L 295 * H 60 (mm) ± 10mm
	Design of Bins	16 single RFID bins
	Lock-Electronic	Electronically (Individually) lock on each bin controlled by PC
	Lock-Mechanism	Manually open all the bins by key
	Power Requirement	12V DC, 5A max
	Operating Temperature	-10°C~40°C
	Storage Temperature	-30°C ~70°C
	SDK support	C#, VB
	Operating System	Windows 7, Windows 10
	Transmission Interface	USB Interface(Virtual Com port)
	Certification	CE, FCC, EN 62368-1
	RFID Protocol	ISO 15693 (NFC)
Control AIO PC (POC-W213L)	CPU	Intel Core i5-7300U 2.6GHz
	memory	4GB
	OS	Win 10 IoT
	HDD	128GB SSD
	Screen	21.5" 1920 x 1080 FHD P-Cap Touch Screen
	WiFi	Intel® Dual Band Wireless-AC 8265
	IP Rating	Front Panel: IP65 Entire Computer: IPX1

Bin Dimension

Type	Medication	Dimension	Spec& Requirement
	Vial, Unit dose	W 95 x D 295 x H60 (mm)	▪ Each bin have a RFID Tag (NFC) ▪ RFID Tag can be Read/Write (Bin ID, Status, Patient ID, Medication ID)

Ordering Information

Part Number	Description	Motor	AIO Computer	Battery
AMIS-50ELM1V1K2N51	Medication Cart	Y	POC W213L(i5,RAM4G,SSD128)	IPS-420S

Peripheral Ordering Information

Power Cord

| Part Number	Power Cord Type (Spiral)
1700019822	China
1700019823	US
1700019824-11	EU
1700019825	UK
1700020538-01	Australia
1700022626-01	Brazil

AMiS-850 eMedication Box

Features

- Assign bin(s) to a type of medication or Patient ID
- eMedication bin could be track by systems
- Open bins automatically
- Easy to disassemble and transfer access to logistic
- USB interface connect to control PC, Windows based application
- Scalable design, support multiple eMedication box connect to one PC
- Table mount & Cart mount

Specifications

Level	4 level
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Certification	CE, FCC, EN 62368-1
RFID Protocol	ISO 15693 (NFC)

Dimensions

Unit: mm

472

420

388
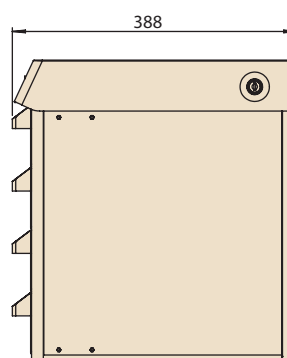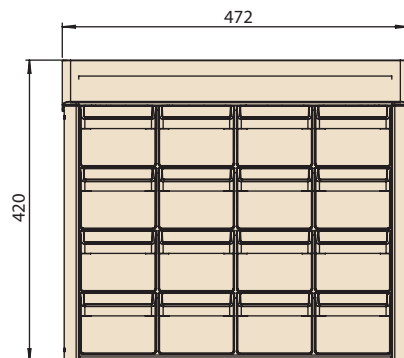
Order Information

Part Number	Description	AMiS-850 compact ADC	Adapter	Table mounted plate
AMIS-850EEEEXX200C	AMiS-850 Table mount	Y	Y	Y

AMiS-830

Unit Dose Medication Cart

Features

- No sharp corners design for using safety and easy cleaning
- Solid body frame design which has been qualified by over 30 km running test
- Bin and drawer are available in different portfolio and are resistant for daily use
- Digital lock can prevent the access to medication to not authorized people
- Automatic rebound design for drawers to enhance convenience of use
- Suggested to use with AMiS eMedication series to deploy RFID enabled CLMA work flow

Specifications

| Product	AMiS-830 RFID Bin Cart	AMiS-830 Drawer Cart
Level	8	5
Weight	65 Kg	62kg
Cart dimensions	W 868 * D 443 * H 1137 (mm)	W 868 x D 412 x H 1137 (mm)
Bin design	48 RFID Bins + 2U drawer	2U drawer x 5
Bin dimensions	W 95 * D 295 * H 60 (mm)	W 620 x D 330 x H 120 (mm)
Lock-mechanism	All Lock (Digital lock)	All Lock (Digital lock)
Material	ABS, Aluminum, SPCC	ABS, Aluminum, SPCC
Connected hook (Optional)	Maximum available 100kg	Maximum available 100kg
RFID Bin	ISO 15693 (NFC)	N/A

Bin Configuration

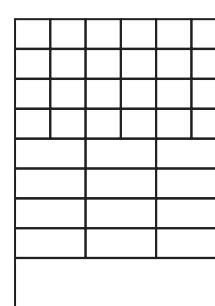Single Bin   Double Bin   2U Drawer

1: 48 Single + 1*2U
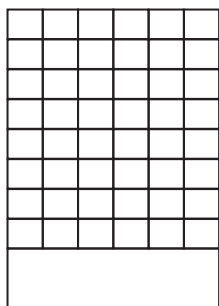
2: 36 Single + 6 Double + 1*2U
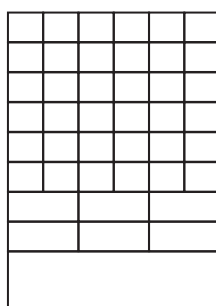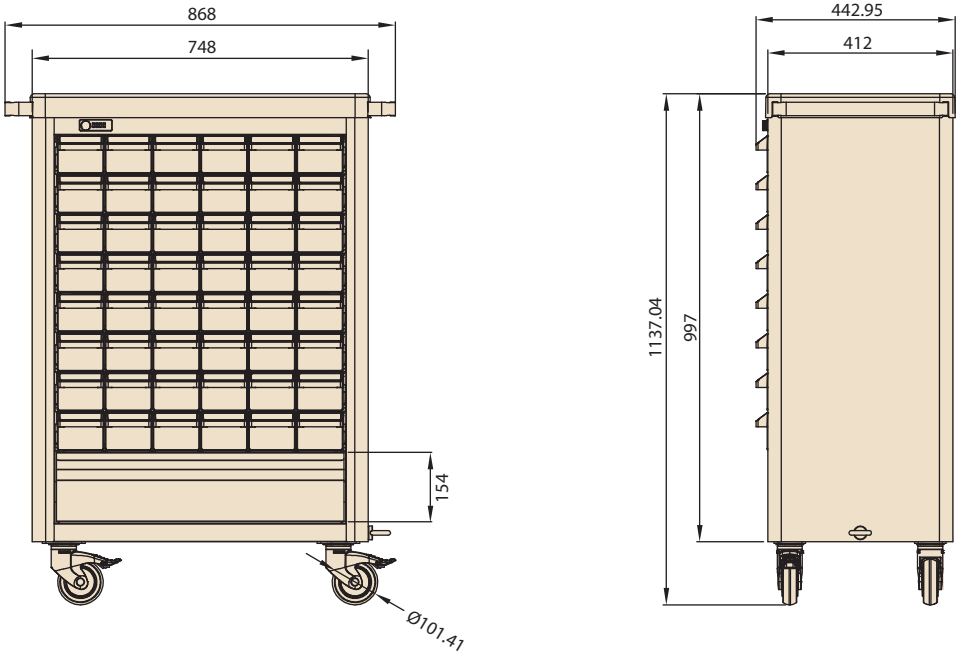

3: 5*2U
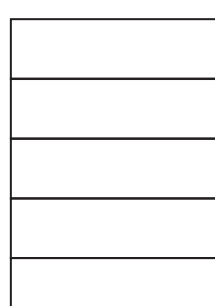
4: 24 Single + 12 Double +1*2U

Dimensions

Unit: mm

Order Information

UD Medication Cart

Part Number	Bin type	Num of Single Bin	Num of Double Bin	Num of 2U Drawer
AMiS-830EEEEEEEE20PX	48 Single Bin+2U Drawer	48	0	1
AMiS-830EEEEEEEF20PX	42 Single Bin+3 Double Bin+2U Drawer	42	3	1
AMiS-830EEEEEEFF20PX	36 Single Bin+6 Double Bin+2U Drawer	36	6	1
AMiS-830EEEEEFFF20PX	30 Single Bin+9 Double Bin+2U Drawer	30	9	1
AMiS-830EEEEFFFF20PX	24 Single Bin+12 Double Bin+2U Drawer	24	12	1
AMiS-83022222000	5*2U Drawer	0	0	5

RFID Based Bin Setting Station

Part Number	Setting station	Computer
AMiS-810S000C	Yes	N/A
AMiS-810SO54C	Yes	POC-421, 21.5", I5, 8G RAM, 256G SSD, WIN 10

RFID Bin

Part Number	Type	Dimensions
96PD-00229	Single Bin	W 90, D 295, H 60 (mm)

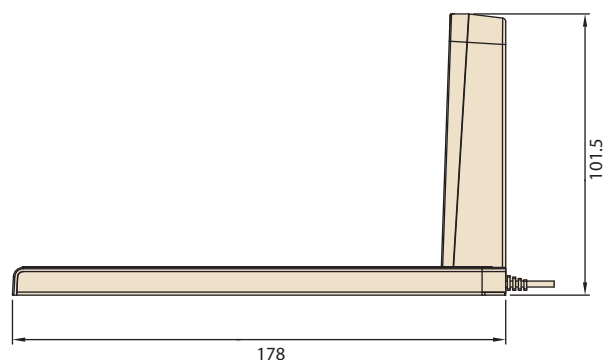# AMiS-810

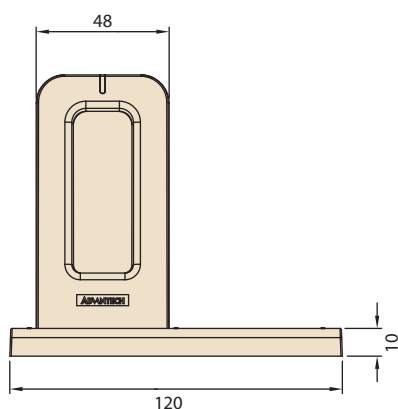## RFID Based Bin Setting Station
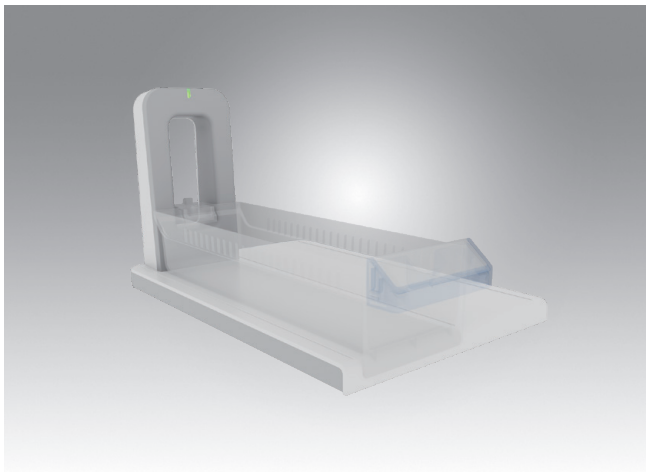
Features

- No sharp corners design for using safe using and easy cleaning
- Easy to set up by using USB cable to connect with controlled PC. Provide Advantech SRP and open API source.
- Used for Pharmacy Bin Setting application
- RFID bin setting with assigned medication or patient identity
- Clearly keep track of medication process in CLMA

Specifications

Weight	2.8 kg
Dimensions	W 240 x D 355 x H 200 (mm) ± 30mm
Connected Interface	USB 2.0
Open API supported language	C#, Visual basic
Supported Operation System	Win 7, Win 10
Setting instruction	Set up the RFID Bin on the setting plate
RFID Bin	ISO 15693 (NFC)
Bin Dimensions	W95*D295*H60 (mm)

Dimensions

Unit: mm

48

120

10

101.5

178

Order Information

Part Number	Setting station	Computer
AMiS-810S000C	Yes	N/A
AMiS-810SO54C	Yes	POC-421, 21.5", I5, 8G RAM, 256G SSD, WIN 10