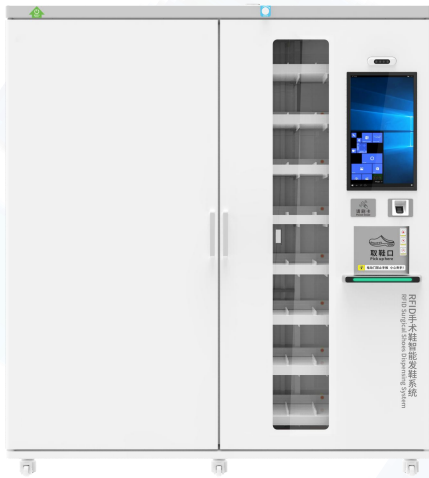


## CYKEO-MFX

## RFID Operating Room Cabinet



The CYKEO-MFX automated scrub shoe dispenser integrates Impinj R2000 UHF RFID technology for OR workflow optimization. With 9-layer conveyor system and 21.5" surgical touchscreen, it delivers  $\leq 5$ s shoe delivery, real-time stock alerts, and contactless biometric access (fingerprint/RFID card). Certified for ISO 13485 medical device standards.

- 21.5-inch capacitive touch screen with 1920 x 1080 resolution
- RFID technology 840~960MHz optional, support protocol extension
- Multiple interfaces: RJ45, support wifi, 4G, alarm input etc
- Support multiple cabinets in parallel, optional Windows / Android system
- Support automatic record receiving, return, constant temperature dehumidification preservation, regular calibration and inspection reminder
- Product appearance, function, protocols etc support customization

## ● Specification

Model	CYKEO-MFX
RF SPECIFICATION	
Identification Method	UHF
RF Chip	Impinj R2000
Frequency Range	840MHz~960MHz adjustable
Protocol	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Frequency Band (Optional)	ETSI: 865~868MHz, JP: 916.8~920.4MHz, TW: 922.25~927.75MHz, ID: 923.125~925.125MHz, RUS: 866.6~867.4 MHz, TEST: 802.75~998.75MHz, JP_LBT: 916.8~920.8MHz
Product Capacity	81pcs (according of item size)
Internal structure	9-layer conveyor belt + grid opening
Function	RFID read function, Multiple label identification, Label data filtering, RSSI perception, Quantity statistics
HARDWARE SPECIFICATION	
System Support	Windows / Android (optional)
Hardware	I5 CPU, 4G RAM, 128G ROM RK3399 CPU, 4GRAM, 16G ROM (optional)
Display	1920 × 1080, 21.5-inch capacitive touch screen
Communication	RJ45 10/100Mbps
FUNCTION SELECTION	
RFID Card Reader	Standard
Bar Code	Optional
QR Code	Optional
Fingerprint Recognition	Optional
Face Recognition	Optional
Sound Light Alarm	Optional



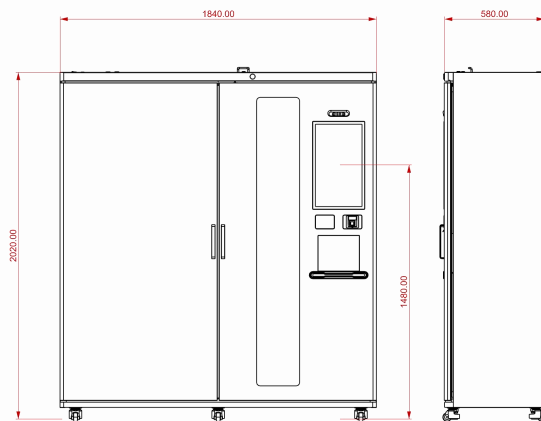
- Related Model

CYKEO-GY2, CYKEO-GY2B

- Common Solution

Smart Library, Archival Room, Tool Room, Supermarket, etc.

- Dimension



Unit : mm (inch)  
Weight. : about 200kg

- Accessory

serial number	name	units	quantity
1	power supply	pcs	1



# RFID IoT Application



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