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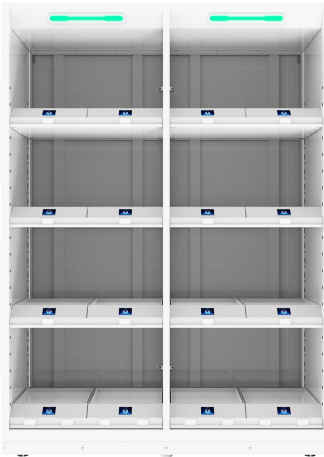
CK-HG2

The CK-H2G Medical RFID Smart Shelf revolutionizes healthcare inventory management through integrated UHF RFID and precision weighing technologies. Engineered for hospital storerooms and pharmacy centers, this ISO 18000-6C compliant system automatically tracks medical consumables, surgical instruments, and high-value implants with 30kg weighing capacity per tray. Its carbon steel construction supports 1,000+ item storage while maintaining <5s full-shelf inventory updates.

- Automatic inventory: it can set up a regular inventory or active inventory, and realize daily inspection and monthly inspection within 10 seconds
- High accuracy: special design, avoid RFID signal interference, single recognition rate is higher than 99.95%
- Data collection and scientific analysis: real-time inventory records of goods receiving and returning data, which facilitates the traceability and search of materials
- Convenient storage and placement: the use of weighing tray management of materials, convenient storage box classification placement
- Product appearance, function, protocols etc support customization

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● Specification

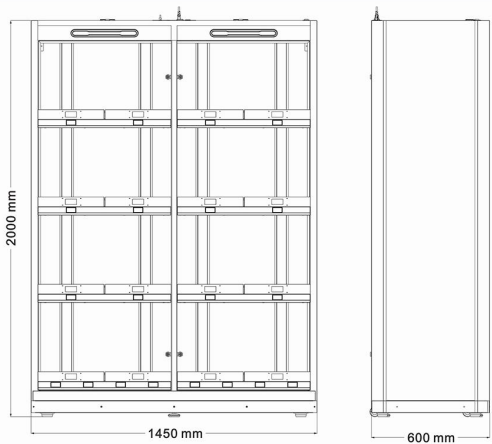| Model	CK-HG2
| RF SPECIFICATION	
Identification Method	UHF
RF Chip	Impinj R2000
Frequency Range	840MHz ~ 960MHz adjustable
Protocol	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Frequency Band (Optional)	ETSI: 865 ~ 868MHz, JP: 916.8 ~ 920.4MHz, TW: 922.25~927.75MHz, ID: 923.125~925.125MHz, RUS: 866.6~867.4 MHz, TEST: 802.75~998.75MHz, JP_LBT: 916.8~920.8MHz
Product Capacity	1000 pcs (according of item size)
Function	RFID read function, Multiple label identification, Label data filtering, RSSI perception, Quantity statistics
Communication	RJ45 10 / 100Mbps
|FUNCTION SELECTION	
Weighing Function	Standard, accuracy 1g-30kg
Sound Light Alarm	Optional
CCTV Camera	Optional
Wireless Network	WiFi / 4G Optional
| BASIC SPECIFICATION	
Material	Carbon steel plate
Power Supply	AC 110-220V 50Hz
Operat Temperature	0 ºC ~ 60 ºC
Size	200x 145 x 60 cm

- **Related Model**

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- **Common Solution**

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

- **Dimension**

Unit : mm (inch)
Weight. : about 50kg

- **Accessory**

serial number	name	units	quantity
1	power supply	pcs	1

RFID IoT Application

Need Advice

Subscribee

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