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CK-H2C

The CK-H2C Industrial RFID Smart Shelf is a cutting-edge storage solution designed for modern warehouses and equipment rooms. Utilizing 840-960MHz UHF RFID technology with 99.95% read accuracy, it enables real-time tracking of tools, safety gear, and inventory items. The rugged 1.2mm carbon steel construction and Windows/Android compatible system ensure reliable 24/7 operation in demanding industrial environments.

- 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, light up the location according to the item type
- Convenient storage and placement: the use of weighing tray management of medical materials, other things convenient storage box classification placement
- Support he side of the shelf can be equipped with a wall-mounted machine, as the main operation screen of the shelf, for information interaction
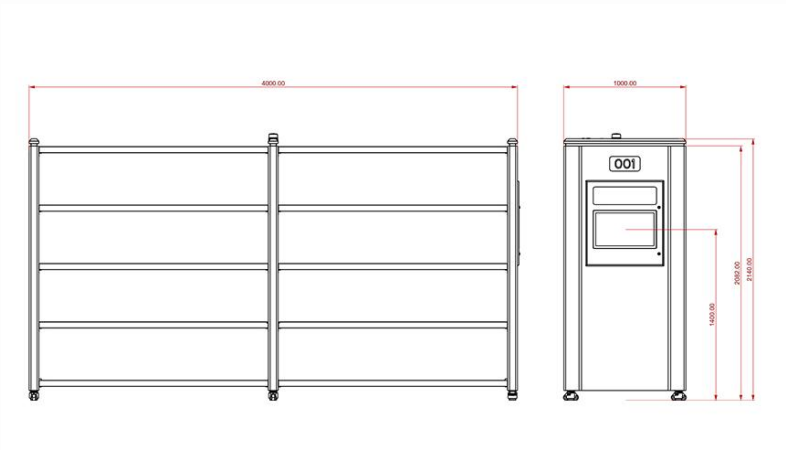
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● **Specification**

Model	CK-H2C

| 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)
Communication	RJ45 10/100Mbps
Function	RFID read function, Multiple label identification, Label data filtering, Quantity statistics, Light indicator

| 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	AC110-220V 50Hz
Operat Temperature	0 °C ~ 60 °C
Size	4000*1000*2140mm

- Related Model

- 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

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RFID IoT Application

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Cykeo

Headquarters

Cykeo Information Technology CO., LTD.

16th floor, Building B2, Yunzhi Science Park, Guangming District, Shenzhen 518107, China

Factory

Shenzhen, Dongguang, Hefei

Subsidiary

Hefei Jianshen InformationTechnology Co., LTD.
Cykeo Information Technology(Shandong) Co., LTD.

Cykeo Information Technology(Chengdu) Co., LTD.

Cykeo Core Information Technology (Shanghai) Co., LTD.