

CYKEO-HG2

Smart Weighing Shelf



The CYKEO-HG2 RFID Smart Shelf is an autonomous inventory management solution for Combining UHF RFID (840-960MHz) and high-precision weight sensors (1g-30kg), it delivers real-time tracking of medical supplies with 99.95% read accuracy. Designed for 24/7 operation, its carbon steel construction and 4 adjustable layers support 1,000+ items, while SDKs (Java/C#) enable seamless ERP/WMS integration.

- 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
- Support the side of the shelf can be equipped with a wall-mounted machine, as the main operation screen of the shelf, for information interaction
- Product appearance, function, protocols etc support customization

- Specification

Model	CYKEO-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 °C ~ 60 °C
Size	200 x45 x 200 cm

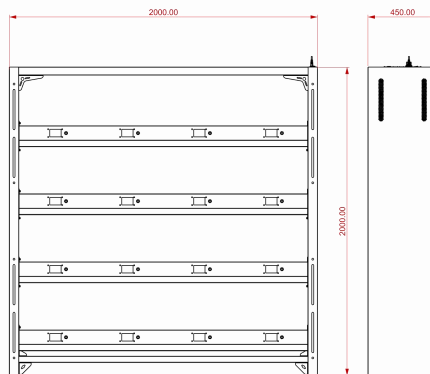
- **Related Model**

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- **Common Solution**

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

- **Dimension**



Unit : mm (inch)
Weight. : about 100kg

- **Accessory**

serial number	name	units	quantity
1	power supply	pcs	1



RFID IoT Application



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Headquarters

Cykeo Information Technology CO., LTD.
16th floor, Building B2, Yunzhi Science Park, Guangming District,
Shenzhen 518107, China

Factory

Shenzhen, Dongguang, Hefei

Subsidiary

Hefei Jiانشen InformationTechnology Co.,
LTD.
Cykeo Information Technology (Shandong) Co., LTD.
Cykeo Information Technology (Chengdu) Co., LTD.
Cykeo Core Information Technology (Shanghai) Co., LTD.