Cykeo

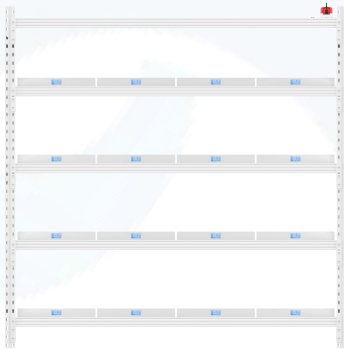## CK-HG1

The CK-HG1 Industrial Smart Weighing Shelf revolutionizes warehouse management through advanced load-cell technology. With 16 independent weighing slots (1g-50kg range) and 0.1g precision, it enables fully automated tool tracking, chemical inventory control, and high-value component management. Its IP54-rated steel construction withstands harsh industrial environments while providing 24/7 weight-based asset visibility.

- 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 he 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

Cykeo

● **Specification**

Model	CK-HG1

| 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

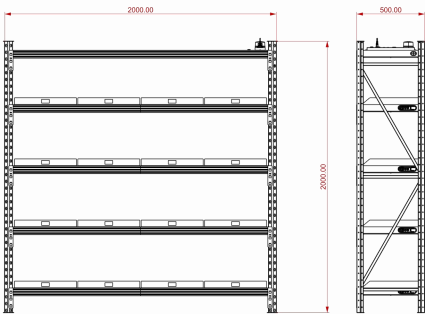| Material	Carbon steel plate
Power Supply	AC 110-220V 50Hz
Operat Temperature	0 °C ~ 60 °C
Size	2000 x500 x 2000mm

- **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

RFID IoT
Application

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.