

CYKEO-HG1

Smart Weighing Shelves



The CYKEO-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 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-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	2004 x505 x 200 mm

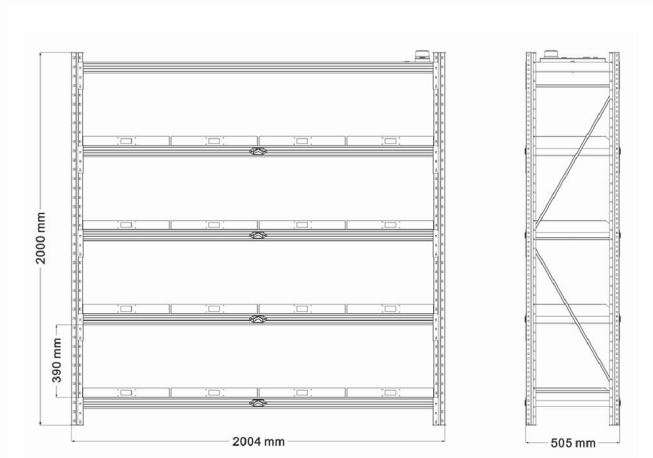
- **Related Model**

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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



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