

CK-H1A

VEHICLE-MOUNTED RFID SHELF



The CK-H1A Vehicle-Mounted RFID Shelf is an intelligent storage system designed for mobile asset management in vehicles like SUVs and MPVs. Utilizing EPC C1G2 and ISO18000-6C UHF RFID technology, it enables real-time inventory tracking of equipment directly from the vehicle trunk. With rapid 5-second scanning capability for up to 100 items and a 3.5-inch touchscreen display, this rugged 4-layer shelving system ensures critical equipment is always accounted for during mobile operations, providing complete visibility for public safety and field service applications.

- 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
- 3.5-Inch Touchscreen for Real-Time Status

● Specification

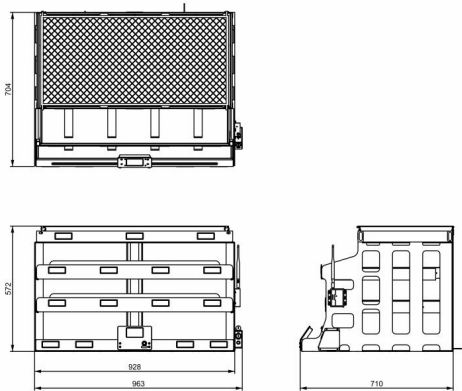
Model	CK-H1A
 RF SPECIFICATION	
Identification Method	UHF
RF Chip	Impinj R2000
Frequency Range	840MHz~960MHz adjustable
Protocol	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Frequency Band (Optional)	ETSI: 865~868MHz, JP: 916.8~920.4MHz, TW: 922.25~927.75MHz, ID: 923.125~925.125MHz, RUS: 866.6~867.4 MHz, TEST: 802.75~998.75MHz, JP_LBT: 916.8~920.8MHz
Tag Capacity	≤100 tags (depends on tag performance)
Communication	RJ45 / Opt: WiFi, 4G
Function	RFID read function, Multiple label identification, Label data filtering, Quantity statistics, Light indicator
 FUNCTION SELECTION	
Capacity	4 layers (400mm height), 0-100 items/layer
Power Supply	12V DC Vehicle Power
Rated Power	≤50W
Material	4.0mm aluminum alloy
 BASIC SPECIFICATION	
Material	Carbon steel plate
Power Supply	AC110-220V 50Hz
Operat Temperature	-20° C to +60° C
Size	963mm**572mm*710mm

● 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



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