CK-D8A

EMBEDDED RFID RECOGNITION BOX



The CK-D8A Embedded RFID Recognition Box revolutionizes unattended retail and warehouse operations with its UHF RFID bulk-scanning capabilities. Engineered for rapid 30+ item identification within 5 seconds, this ISO 18000-6C compliant device features anti-collision algorithms and 20cm cross-read prevention.

- 30+ Items Bulk Identification in 5 Seconds
- RFID technology 840~960MHz optional, support protocol extension
- 20cm Anti-Interference Zone Design
- Multi-Interface Retail System Integration
- IP54 Embedded Installation Flexibility
- Dual-Color Fashionable Appearance Options

- **Specification**

Model	CK-D8A
| 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
RFID Item Reader	30 pcs
Function	Read & write function, Multiple label identification, Label data filtering, RSSI perception, Quantity statistics, Self-service card application
| HARDWARE SPECIFICATION	
Communication	RS232
| FUNCTION SELECTION	
RFID Read & Write	
Bar Code	Standard
QR Code	Standard
Fingerprint Recognition	Optional
Face Recognition	Standard
Sound Light Alarm	Optional
Keyboard	Optional

Solar Energy	Optional
Wireless Network	WiFi / 4G

| BASIC SPECIFICATION

Material	Carbon steel plate, Glass
Power Supply	DC 12V/4A
Working Humidity	10%RH~90%RH
Operat Temperature	-10℃~60℃
Size	572mm*492mm*295.5mm

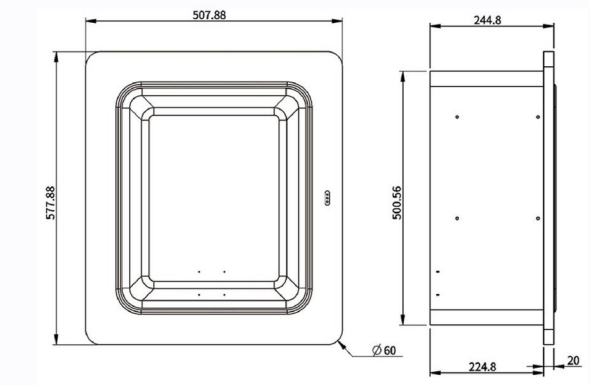
- **RelatedModel**

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- **Common Solution**

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

- **Dimension**



Unit : mm (inch)
Weight. : about 36kg

- **Accessory**

serial number	name	units	quantity
1	power supply	pcs	1