

CK-D8B

UHF RFID EMBEDDED READER TUNNEL



The CK-D8B UHF RFID Embedded Reader Tunnel is engineered for high-efficiency batch identification in retail and warehouse environments. With optimized antenna design that limits adjacent read range to under 20cm and single-scan capability exceeding 30 items, this device delivers precise RFID tag reading while preventing misreads. The 840-960MHz adjustable frequency range and 0-33dbm power adjustment ensure reliable performance across various tag types and materials, making it ideal for integration into checkout counters, workstations, and automated systems.

- 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-D8B
 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

[illegible]

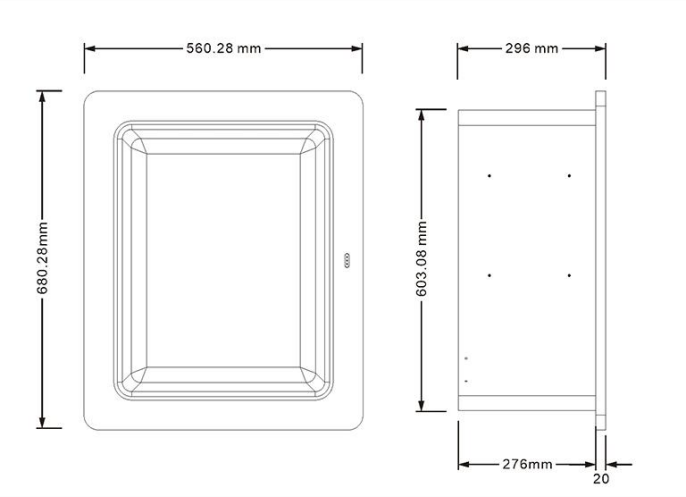
● Related Model

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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



RFID IoT Application



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