

CK-B5L

UHF RFID Handheld Reader



The CK-B5L UHF RFID Handheld Reader, developed by SCINFO, is a portable ultra-high-frequency RFID reading/writing device designed to meet the demands of modern IoT applications. Equipped with efficient RFID capabilities and a built-in 10,000mAh power bank, it offers exceptional convenience and practicality.

- Utilizes a localized UHF RFID chip with strong scalability, stable performance, and robust functionality.
- RFID technology 840~960MHz optional, support protocol extension
- Lightweight, rugged, and hand-friendly for reduced fatigue during prolonged use.
- 10,000mAh battery enables extended operation in logistics centers, factories, hospitals, etc.
- Work condition warning beep

● Specification

Model	CK-B5L
 RF SPECIFICATION	
Identification Method	UHF
Antenna Polarization	Circular polarization
Frequency Range	840MHz~960MHz
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
Antenna Gain	0-33 dbm adjustable
Read Distance	0-8m adjustable
Tag Recognition Speed	500 tags ≤3 seconds
Battery Capacity	10,000mAh
Function	RFID read & write, Multiple label identification (For more RFID tag features, please use Cykeo tag application software)
 BASIC SPECIFICATION	
Material	Aluminum
Power Supply	USB 5V
Operating Temperature	-20° C to +70° C
Storage Temperature	-40° C to +85° C
Size	28.8mm × 75mm × 116mm
Communication Interfaces	Bluetooth, Type-C
Weight	220g

● Related Model

CK-B4L

● Common Solution

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

● Dimension



Unit : mm (inch)
Weight. : about 0.2kg

● Accessory

No.	item	units	quantity
1	USB A-C Cable	pcs	1



RFID IoT Application



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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.