

CYKEO-B5L

Portable iPhone RFID Reader



The CYKEO-B5L UHF RFID Handheld Reader, developed by SCOINFO, 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	CYKEO-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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