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| CK-B4L | Mobile Android RFID Reader |

The CK-B4L Ultra-Portable UHF RFID Reader redefines mobile RFID operations with its smartphone-compatible design. Powered via USB Type-C and weighing only 37g, this palm-sized device delivers instant tag detection within 30cm, ideal for anti-counterfeiting, inventory checks, and workflow management. Its magnetic attachment seamlessly integrates with mobile devices, while developer-friendly SDKs (C#/Java) ensure effortless system integration.

- 37g ultra-lightweight design, easy to carry. Connects directly to smartphones.
- Dedicated app enables fast RFID tag and item identification.
- Near-field antenna design limits read range to ≤30 cm and write range to ≤10 cm.
- Provides development resources for C# and Java.
- USB Type-C for power and communication.

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● Specification

Model	CK-B4L
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	0-18 dbm adjustable
Read Distance	0-30cm 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	62.5 mm × 48 mm × 9 mm
Communication Interfaces	USB Type-C
Weight	37g

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- **Related Model**
  CK-B5L

- **Common Solution**
  Smart Library, Archival Room, Tool Room, Supermarket, etc.

- **Dimension**

Unit : mm (inch)
Weight. : about 0.37g

- **Accessory**

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

![Cykeo logo]

RFID IoT
Application

Need Advice   Subscribee

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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

Cyke.o Information Technology (Shandong) Co., LTD.

Cykeo Information Technology (Chengdu) Co., LTD.

Cykeo Core Information Technology (Shanghai) Co., LTD.