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CYKEO-B4L

CYKEO RFID

The CYKEO-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	CYKEO-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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