

CK-R10A

UHF RFID Handheld Reader



The CK-R100 Ultraportable UHF RFID Reader redefines mobile RFID solutions with its compact, handheld design and integrated 10000mAh power bank. Engineered with a proprietary Chinese UHF RFID chipset, it delivers 8m read range and 500 tags/sec scanning speed, making it ideal for logistics tracking, medical asset management, and retail inventory control.

- 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-R10A
 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-BA7

- **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



Need Advice



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