

## CYKEO-B3

## Pro Rugged RFID Reader Handheld



CYKEO-B3 Pro Rugged handheld is built tough for rough environments and non-stop work. It combines UHF RFID, NFC, barcode scanning, and ID recognition all in one, so you can grab accurate data fast without juggling different devices. With a 2GHz octa-core processor and Android10, it'll keep going for 12+ hours—enough for a full day on the floor.

- 5.5-inch IPS LTPS screen with 720×1440 resolution
- RFID technology 840~960MHz optional, support protocol extension
- Communication interfaces: USB 2.0 Type-C, OTG
- Support multiple radio frequency, function expansion, android 10 system
- Support network communication, long working time, easy to carry

## ● Specification

Model	CYKEO-B3
<b>  RF SPECIFICATION</b>	
Identification Method	UHF
RF Chip	Impinj R2000
Frequency Range	840MHz~960MHz
Protocol	EPC C1G2, ISO 18000-6C, ISO 18000-6B
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	4dBi
Function	RFID read & write, Multiple label identification (For more RFID tag features, please use Cykeo tag application software)
<b>  HARDWARE SPECIFICATION</b>	
System Support	Android 10
Hardware	Cortex-A53, 8-core 2.3GHz CPU, 3G RAM, 32G ROM 4G RAM, 64G ROM(optional)
Display	720 x 1440, 5.5-inch IPS LTPS screen
Communication	USB 2.0 Type-C, OTG
Battery	7200 mAh
<b>  FUNCTION SELECTION</b>	
RFID Read & Write	
Bar Code	Zebra SE965 / Honeywell N4313 Optional
QR Code	Zebra: SE4710 / SE4750SR / SE4750MR / SE4750DP; Honeywell: N6603 Optional
Camera	13 megapixels Optional



- **Related Model**

CK-B3

- **Common Solution**

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

- **Accessory**

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





# RFID IoT Application



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## 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.