Cykeo

CK-R4L

4CH TNC Port UHF RFID Reader

Applied to RFID tag reading, unique algorithm fast multi-tag identification, support data filtering, multi-protocol expansion. Widely used in vehicle inspection, customs clearance, vehicle inspection, personnel entry and exit, asset entry and exit, electronic tickets, file management, jewelry management, storage management and other fields

- RF channel is based on the special UHFRFID chip R2000 with excellent performance. It has strong expansibility, stable performance and powerful function, and can meet a variety of applications
- This reader has excellent reading performance, the reading distance is up to 20M, the writing distance is up to 10M, and the reading speed is greater more than 500 pcs/s
- Support a 485 interface, 3 GPO output, 2 GPI input, support USB output, support HDMI FHD output

Cykeo

● Specification

Model	CK-R4L
| RF SPECIFICATION	
Identification Method	UHF
RF Chip	Impinj R2000
Frequency Range	840MHz ~ 960MHz
Protocol	EPC C1G2, ISO 18000-6B, ISO 18000-6C, GB/T29768-2013 (optional)
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
Modulation mode	DSB-ASK, PR-ASK
Function	RFID read & write, Multiple label identification, Label data filtering, Quantity statistics, RSSI perception, RF power regulation
R/W Capability	Read: 0-1500 cm ; Write: 0-700 cm ; 600+ pcs/s
RF Interface	Single TNC
| HARDWARE SPECIFICATION	
System Support	Android 4.4
Hardware	4-core Cortex-A9 1.6 GHz, 1G RAM, 8G ROM
Display	HDMI 1080P@60Hz
Communication	RJ45 / RS232 / 12-PIN I/O
| FUNCTION SELECTION	
Wireless Network	WiFi / 4G Optional
Bluetooth	Optional

| BASIC SPECIFICATION

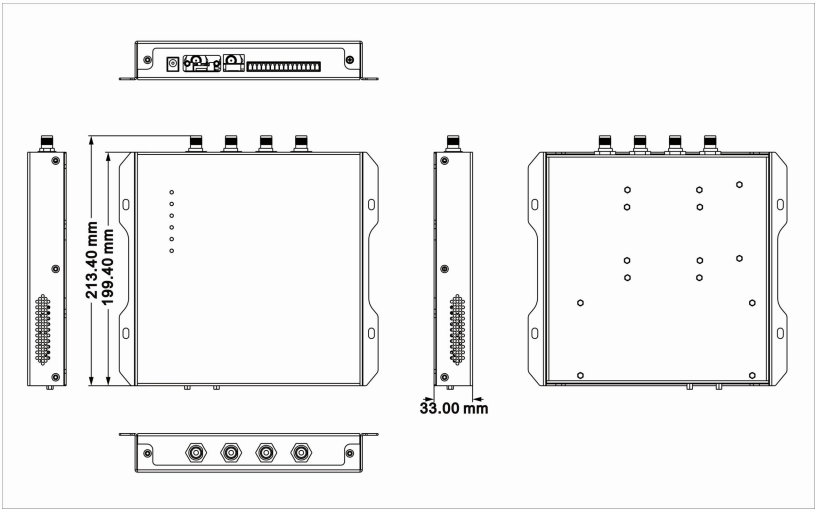|	
Material	Aluminum
Power Supply	12V / 3A
Working Humidity	10%RH~90%RH
Operat Temperature	0 ºC ~ 60 ºC
Size	22x 17.8 x3cm

Cykeo

- **Related Model**

   CK-R1, CK-R8,CK-R16

- **Common Solution**

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

- **Dimension**

Unit : mm (inch)
Weight.: about 0.1Kg

- **Accessory**

No.	item	units	quantity
1	RS232 Serial cable	pcs	1
2	power supply	pcs	1
3	/	/	/

RFID IoT Application

Need Advice

Subscribee

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