

CK-R4

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

● Specification

Model	CK-R4
 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 °C ~ 60 °C
Size	21.3 x 15.4 x3cm

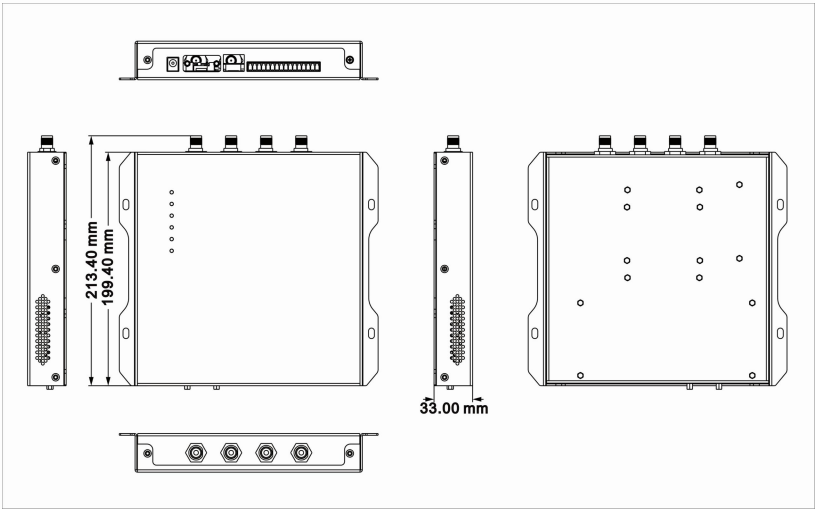
● **Related Model**

CK-R1, CK-R8,CK-R16

● **Common Solution**

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

● **Dimension**



Unit : mm (inch)
Weight.: about 0.1K
g

● **Accessory**

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



RFID IoT Application



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