

# CM900 UHF READER



## Ultra-long UHF RFID reading

Adopt industry leading IMPINJ R2000 solution, reading distance more than 10 meters

## Powerful multiple tags reading

Multiple reading speed  $\geq 200$  tags / sec  
Realizing batch data reading, increasing efficiency for enterprises

## High adaptability High compatibility

Seamlessly adapt to CILICO's full line of mobile terminals and mainstream consumer mobile phones, save your operation cost  
Can connect with mobile terminals or management system through Bluetooth, realize real time data uploading

## RFID & barcode scanning One-button switching

Scanning module optional, and support one-button switching between UHF RFID and barcode scanning modes  
User-friendly setting of the indicator, operator can know the current mode status through the indicator light switching



# CM900 TECHNICAL PARAMETER

## Physical Parameter

Size	172mm×87mm ×125mm (L×W×H)
Weight	400g (including battery)
Configurations	UHF RFID / UHF RFID & scanning
Notification	Warning Tone, Multi-color LED
Battery	Li-polymer, 5700mAh, removable Up time: 8 hours Standby time: 300 hours
Keypad	Power switch, Scan keys Mode switch, Bluetooth switch
Interface	Type-c
Communication	Bluetooth
Power adaptor	Input: 100-240V, 50/60HZ 300mA Output: 5V, 2A

## RFID Parameter

UHF Solution	IMPINJ R2000
Standards Supported	ISO18000-6C/EPC C1G2
Multi-reading Rate	200+ tags/sec
Reading distance	10m (depending on the label and antenna)
Frequency Range	CN: 920-925MHz US: 902-928MHz EU: 865-868MHz JP: 916-921MHz (wLBT) JP: 916-923MHz
Batch Mode Memory	Store 100,000+ RFID Tags, 1000 barcodes

## Working environment

Operating temperature	-4°F—122°F/-20°C—50°C
Humidity	5% to 85% (non-condensation)
Drop specification	3.9 feet / 1.2 m height to the concrete ground

Roll specification	500 times of 1.6 feet / 0.5 m rolls; higher than IEC roll standard
Vibration	4g SPK Sine (5Hz to 2KHz); 0.04g2/Hz randomness (20Hz to 2KHz); 60 minutes per axle, 3 axles
Thermal shock	-40°F—140°F/-20°C—60°C fast fade
Electrostatic protection	+/- 10kv air discharge; +/-8kv contact discharge
Sealing level	IP52

## Data Collection

Barcode Scanning optional

## Bluetooth

Class	1
Bluetooth	Bluetooth 4.1

## Others

Certification	CE/CCC/UN38.3/RoHS/IP52
Accessories	Power adapter/USB cable/ battery
Optional accessories	Multiple Charging Cradle / Univesal bracket



\*UHF actual reading distance is related to environment

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