

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 ≥ 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

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