



CM900 RFID READER



CILICO CM900 RFID reader uses industry-leading RFID module impinj R2000. It has excellent read and write performance. 5700 mAh large capacity battery ensures adequate working power consumption. CM900 supports one-button switching between RFID reading and barcode scanning. It can be used alone or work with CILICO mobile terminals and consumer Android mobile phones of various brands to save your operating costs. CM900 is widely used in intelligent manufacturing, warehousing management, store inventory, asset management, logistics and transportation and other fields.



CM900 Specifications

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,EPC C1G2
Multi-reading Rate	200+ tags/sec
Reading distance	10m (depending on the label and antenna)
Frequency Range/ RF Output	CN: 920-925MHz; 0-33dBm (EIRP) US: 902-928MHz; 0-33dBm (EIRP) EU: 865-868MHz; 0-33dBm (EIRP) JP: 916-921MHz (wLBT); 0-33dBm (EIRP) JP: 916-923MHz; 0-33dBm (EIRP)
Batch Mode Memory	Store 100,000+ RFID Tags, 1000 barcodes

Working environment

Operating temperature	-4°F—122°F/-20°C—50°C
Storage Temperature	-4 F -140F/-20°C-60°C
Charging Temperature	32F-122F/ 0°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

1D/2D Barcode Scanning optional

Bluetooth

Class	1
Bluetooth	Bluetooth 4.1, SPP profile
Compatible Host Devices (Bluetooth)	Devices with Android 9.0 and below

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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