



# CM550X Android Print Handheld Terminal



CILICO CM550X is a highly integrated Android Print Handheld Terminal with scanning and printing features, which can meet the needs of mobile applications in various industries. The built-in printer supports both thermal paper and sticker printing, and the printing speed is up to 45mm/s. This device has been widely used for parking management, ticketing, inventory management etc. in over 80 countries and regions.

## Vertical Application



# CM550X Specifications

## Physical Parameters

Size	220×93 ×39mm(L×W×H)
Weight	386g (including battery)
Display	5.0 inch IPS,Resolution: 1280*720
Touch Panel	Capacitive touch, support with wet hands or gloved fingertip operating
Backlight	LED backlight
Power	Removable Li-Ion 4000mAh,3.7V Uptime:more than 10 hours Standby time:300 hours
Cardslot	2*nano SIM. 2*nano SIM/Micro SD (Max. 256GB) 2*SAM (optional)
Communication	Type-C, support OTG
Network Connections	4G/3G/2G, Wi-Fi, Bluetooth
Notification	Warning Tone, Multi-color LED, Vibration
Keyboard	On-screen Keyboard + 3 Virtual Keys: Back,Home,Menu
Audio	Microphone, Loudspeaker and Receiver
Physical Keys	Power, Left scan, Right scan, Volume+,Volume-
Power Adaptor	Input:100-240V, 50/60Hz 300mA;Output: 5V@2A

## Performance Parameters

CPU	Octa-core 2.3GHz
OS	Android 11
Memory	4GB RAM / 64GB ROM

## Working Environment

Operating Temperature	- 20°C to 55°C
Storage Temperature	- 40°C to 70°C
Humidness	5% to 95% (non-condensation)
Drop Specification	Within operating temperature range,multiple 0.8m drops to the ground
Vibration	Random (10~2000Hz) 60 minutes duration per axis, 3 axis
Electrostatic Discharge	Air Discharge: ±10KV: Contact Discharge: ±6KV

## Wireless Communication

WWAN	<b>Asia + Europe band:</b> GSM:Band 2/3/5/8 WCDMA: Band 1/2/5/8 CDMA: Band BC0 TDD -LTE: Band 34/38/39/40/41 FDD-LTE: Band 1/3/5/7/8/20
	<b>American band:</b> GSM : Band 2/3/5/8 WCDMA:Band 1/2/4/5 CDMA:Band BC0 TDD-LTE: Band 40/41 FDD -LTE : Band B1/2/4/5/7/28A/28B

WIFI	WIFI frequency: 2.4GHz & 5GHz WIFI protocol: IEEE 802.11a/b/g/n/ac Support IEEE 802.11 d/e/h/i/j/k/r/n/w
GPS	GPS + Glonass + Beidou/Galileo
Bluetooth	Bluetooth 5.0

## Data Collection

Scanning Engine	Professional 1D/2D scan engine
Supported 1D Barcode Types	UPC/EAN,Bookland EAN,UCC Coupon Code,ISSN EAN, Code 128,GS1-128,ISBT 128, Code 39,Trioptic Code 39, Code 32, Code 93, Code 11, Interleaved 2 of 5,Discrete 2 of 5,Codabar,MSI,Chinese 2 of 5,Korean 3 of 5,Matrix 2 of 5,Inverse 1D,GS1 DataBar,Composite Codes, etc.
Supported 2D Barcode Types	PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, Maxicode, QR Code,MicroQR,QR inverse,Aztec,Aztec Inverse, Postal Codes: US Postnet, US Planet,UK Postal, Australian Postal, Japan Postal, Netherlands KIX Code,USPS 4CB/One/Intelligent Mail,UPS FICSP stal, Han Xin Code, etc.
Camera	Front camera: 5 MP, FF Rear camera: 13 MP, AF Rear camera support flash LED & flashlight mode

## Internet of Things Functions

Printing	2-inch 384 point thermal printing module, the printing speed up to 45mm/sec
NFC	Operating frequency: 13.56MHz Support protocol: ISO/IEC 14443A/B, ISO/IEC 15693, MIFARE 1K/4K, MIFARE DESFire, FeliCa Reading distance: <5cm (depending on the type of card)
RFID	Operating frequency: CN: 920-925MHz US: 902-928MHz EU: 865-868MHz Support protocol: ISO18000-6C/EPC C1G2 Reading distance:0.8m (depending on the label)
Security SAM	Supporting ISO7816 standard, 2*SAM cards (optional)
Sensor	Light sensor, distance sensor, gravity acceleration sensor, geomagnetic transmission sensor

## Others

Certification	CCC/CTA/SRRC/CE/RoHS/Drop/UN38.3
Standard Accessories	Power Adapter/USB cable/Battery/NFC test card/UHF test tag
Optional Accessories	Charging cradle/Cradle adapter/ Handstrap/Shoulder bag/Tempered glass

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