



# 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<br>Uptime:more than 10 hours<br>Standby time:300 hours |
| Cardslot            | 2*nano SIM. 2*nano SIM/Micro SD (Max. 256GB)<br>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><br>GSM:Band 2/3/5/8<br>WCDMA: Band 1/2/5/8<br>CDMA: Band BC0<br>TDD -LTE: Band 34/38/39/40/41<br>FDD-LTE: Band 1/3/5/7/8/20<br><br><b>American band:</b><br>GSM : Band 2/3/5/8<br>WCDMA:Band 1/2/4/5<br>CDMA:Band BC0<br>TDD-LTE: Band 40/41<br>FDD -LTE : Band B1/2/4/5/7/28A/28B |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|           |                                                                                                                |
|-----------|----------------------------------------------------------------------------------------------------------------|
| WIFI      | WIFI frequency: 2.4GHz & 5GHz<br>WIFI protocol: IEEE 802.11a/b/g/n/ac<br>Support IEEE 802.11 d/e/h/i/j/k/r/v/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<br>Rear camera: 13 MP, AF<br>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<br>Support protocol: ISO/IEC 14443A/B, ISO/IEC 15693, MIFARE 1K/4K, MIFARE DESFire, FeliCa<br>Reading distance: <5cm (depending on the type of card) |
| RFID         | Operating frequency:<br>CN: 920-925MHz<br>US: 902-928MHz<br>EU: 865-868MHz<br>Support protocol: ISO18000-6C/EPC C1G2<br>Reading distance:0.8m (depending on the label)             |
| Security SAM | Supporting ISO7816 standard, 2*SAM cards (optional)                                                                                                                                |
| Sensor       | Light sensor, distance sensor,<br>gravity acceleration sensor,<br>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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