



# Rugged Industrial Handheld C13



Android



IP65



GNSS



Bluetooth



Camera



4G  
3G/4G



WiFi



2D



NFC



## PERFORMANCE

- Android™ 11
- ARM, Octa-core
- 4GB RAM, 8GB ROM
- 4000mAh Battery
- 5" Display
- 720x1280 Resolution

## FEATURES

- Front 5.0 MP | Rear 13.0 MP camera
- IP65 certified, MIL-STD-810H certified
- 1.2m Drop - Proof

## COMMUNICATION

- WiFi | Bluetooth | 3G/4G | GNSS

## RFID OPTIONEN

- NFC (ISO 14443 A/B, ISO 15693, ISO 18092)

## PRODUCT PICTURES



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## TECHNICAL DATA

## ELECTRICAL SPECIFICATIONS

|              |                                                                                                       |
|--------------|-------------------------------------------------------------------------------------------------------|
| Battery      | 3.87 V, 4000 mAh Lithium-ion Battery (removable)                                                      |
| Memory       | 4 GB RAM<br>64 GB ROM                                                                                 |
| Input/Output | Micro USB 2.0 x 1<br>SIM Card x 1<br>TF Card x 1<br>POGO PIN x 1<br>Φ3.5mm standard earphone jack x 1 |
| CPU          | ARM, OCTA Core                                                                                        |
| Camera       | Front: 5.0 Megapixel<br>Rear Main:<br>Camera 13.0MP, Autofocus,                                       |
| Display      | 5 Inch<br>IPS 16:9<br>720×1280<br>320 nits                                                            |
| Touch Panel  | 5 point G+FF capacitive touch screen<br>Corning® Gorilla® Glass                                       |

## MECHANICAL CONDITIONS

|              |                                                                                              |
|--------------|----------------------------------------------------------------------------------------------|
| Dimensions   | 157.4 x 74.6 x 24.2mm                                                                        |
| Drop Height  | Withstands drops from 1.2 meters onto composite Drop Height wood flooring, while powered on. |
| Device Color | Black                                                                                        |

## ENVIRONMENTAL CONDITIONS

|                       |                                        |
|-----------------------|----------------------------------------|
| Operating Temperature | -10 °C up to 55 °C                     |
| Storage Temperature   | -20 °C up to 60 °C                     |
| Humidity              | 95% (non-condensing)                   |
| Protection Class      | IP65 certified, MIL-STD-810H certified |

## COMMUNICATION SPECIFICATIONS

|           |                                                                                                                             |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|
| WiFi      | WiFi 802.11 a/b/g/n/ac (2.4G+5G)                                                                                            |
| Bluetooth | BT5.0<br>Transmission distance: 10m                                                                                         |
| 3G/4G     | GSM B2/B3/B5/B8<br>WCDMA B1/B2/B5/B8<br>TDS B34/B39<br>FDD B1/B2/B3/B4/B5/B7/B8/B13/B17/<br>B20/28AB<br>TDD B38/B39/B40/B41 |
| GNSS      | Support GPS, Glonass, Beidou (G+G+B)                                                                                        |

## SUPPORTED STANDARDS TAGS

NFC 13.56 MHz

|                            |                                                                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ISO 14443 A and compatible | Read/write:<br>MIFARE® Classic/1K/4K,<br>MIFARE Ultralight®/C,<br>MIFARE® DESFire®EV1/3,<br>MIFARE® Smart MX,<br>MIFARE® Plus S / X,<br>MIFARE® Pro X,<br>NTAG 213, 215, 216, 196, DNA |
| ISO 14443 B and compatible | Read UID only: all other ISO14443A<br>RFID tags                                                                                                                                        |
| ISO 15693 and compatible   | SRI4K,<br>SRIX4K,<br>AT88RF020,<br>66CL160S,<br>SR176                                                                                                                                  |
| ISO 15693 and compatible   | EM4135,<br>EM4043,<br>EM4x33,<br>EM4x35,<br>I-Code SLI / SLIX,<br>I-Code SLI-2,<br>M24LR16/64,<br>TI Tag-it HF-I,<br>SRF55Vxx (my-d vicinity)                                          |
| ISO 18092                  | I-Code ILT-M                                                                                                                                                                           |

## ORDER CODES

## VERSIONS

|     |                  |
|-----|------------------|
| C13 | R-HH-C13-NFC-A11 |
|-----|------------------|

## ORDER CODES

## ACCESSORIES



SCANNING TRIGGER



HAND STRAP



DOCKING CHARGER



CAR HOLDER

## APPLICATION RANGE



WAREHOUSE MANAGEMENT



MOBILE PAYMENT



EXPRESS INDUSTRY