



# Rugged Industrial Handheld C14



Android



IP68



GNSS



High-capacity battery



Bluetooth



Camera



4G



WiFi



NFC



## PERFORMANCE

- Android™ 14 OS
- ARM, Octa-core
- 8GB RAM, 256GB ROM
- 20.000 mAh Battery | 33W Fast Charging
- 6.78" Display
- 720x1612 Resolution | 120Hz

## FEATURES

- Front 32.0 MP | Rear 48.0 MP camera
- IP68 certified, MIL-STD-810H certified
- 1.5m Drop - Proof

## COMMUNICATION

- WiFi | Bluetooth | 4G | GNSS
- 2D Barcode Scanner

## RFID OPTIONEN

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

## PRODUCT PICTURES



iDTRONIC GmbH  
Ludwig-Reichling-Straße 4  
67059 Ludwigshafen  
GERMANY

Phone: +49 (0)621 66 900 94-0  
Mail: [info@idtronic.de](mailto:info@idtronic.de)  
Web: [idtronic.de](http://idtronic.de)

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TECHNICAL DATA

| ELECTRICAL SPECIFICATIONS |                                                                                                                                                                                                                                                                  | ENVIRONMENTAL CONDITIONS      |                                                                                                                                                                                                                                               |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery                   | Built-in Polymer Lithium-ion Battery<br>3.87 V, 20000 mAh                                                                                                                                                                                                        | Operating Temperature         | -20 °C up to +60 °C                                                                                                                                                                                                                           |
| Memory                    | 8 GB RAM   LPDDR4X<br>256 GB RoM   UFS2.2                                                                                                                                                                                                                        | Storage Temperature           | -30 °C up to +70 °C                                                                                                                                                                                                                           |
| ESD                       | ±12 kv air discharge,<br>±8 kv direct discharge                                                                                                                                                                                                                  | Humidity                      | 95% (non-condensing)                                                                                                                                                                                                                          |
| Power Adapter             | 33W Fast Charge Adapter                                                                                                                                                                                                                                          | Protection Class              | IP68 certified, MIL-STD-810H certified                                                                                                                                                                                                        |
| Type-C Cable              | Type-C Data Cable(1m)                                                                                                                                                                                                                                            | COMMUNICATION SPECIFICATIONS  |                                                                                                                                                                                                                                               |
| Input/Output              | Type C *1 (Charging/Data/Earphone/Re-<br>verse charging 10W)<br>TF card *1 (MAX 2TB), SIM card *2,<br>2 of 3 card slot:<br>Micro Sim+TF or Micro Sim+Nano Sim                                                                                                    | WLAN                          | WLAN 802.11(a/b/g/n/ac) Frequency<br>2.4G+5.0G<br>Dual-band WIFI, Supports AP seamless<br>roaming                                                                                                                                             |
| CPU                       | ARM, Octa-core                                                                                                                                                                                                                                                   | 5G                            | GSM:<br>GSM: B2/3/5/8<br>CDMA: BC0/BC1/BC10<br>WCDMA: B1/2/4/5/6/8/19<br>TDD: B34/38/39/40/41<br>FDD:<br>B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/2<br>8AB/66/71<br>NR SA: N1/3/5/8/20/28/38/41/71/77/78/79                                     |
| Camera                    | Front: 32 Megapixel<br>Rear Main:<br>Camera 48MP, Autofocus, Supports PDAF<br>Rear Secondary Camera1: 20MP Night<br>Vision, Auto Focus<br>Rear Secondary Camera2: 2MP Macro                                                                                      | GNSS                          | Supports GPS/Beidou/Galileo/GLONASS/<br>QZSS/AGPS                                                                                                                                                                                             |
| Display                   | 6.78 Inch<br>TFT 20:9<br>720x1612<br>520 nits<br>120Hz                                                                                                                                                                                                           | 2D BARCODE IMAGER             |                                                                                                                                                                                                                                               |
| Touch Panel               | 10-point capacitive screen,Hardness above<br>7H, Scratchresistant,<br>supports wet hands and gloves operation                                                                                                                                                    | Barcode Type                  | 1D:<br>UPC / EAN,<br>Code128,<br>Code 39,<br>Code11,<br>Codabar,<br>Code 2/5 interleaved,<br>MSI,<br>2D:<br>QR Code,<br>PDF417,<br>Micro QR Code,<br>Aztec Code,<br>MaxiCode                                                                  |
| Data Collection           | Fingerprint, Power On/Off & Fingerprint<br>2-in-1                                                                                                                                                                                                                | SUPPORTED STANDARDS TAGS      |                                                                                                                                                                                                                                               |
| Sensors                   | Light Sensor<br>Proximity Sensor<br>3D Accelerometer<br>Geomagnetic Sensor<br>Gyroscope<br>Gravity Sensor<br>Barometer                                                                                                                                           | NFC 13.56 MHz                 |                                                                                                                                                                                                                                               |
| Audio                     | Speaker *1 4Ω/3W<br>Earphone *1<br>Dual-MIC<br>Motor *1<br>Audio SMART PA                                                                                                                                                                                        | ISO 14443 A and<br>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<br><br>Read UID only: all other ISO14443A<br>RFID tags |
| Other Functions           | Camping Light, Maximum brightness up to<br>1000 nits,<br>Breathing Light,<br>RGB LED strip with a fixed flash frequency,<br>Infrared Remote Control,<br>Remote control distance over 10m,<br>Supports POC<br>(Public Operator Communication)<br>Network Intercom | ISO 14443 B and<br>compatible | SR14K,<br>SR1X4K,<br>AT88RF020,<br>66CL160S,<br>SR176                                                                                                                                                                                         |
| MECHANICAL CONDITIONS     |                                                                                                                                                                                                                                                                  | 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)                                                                                                 |
| Dimensions                | 181.1 × 87.8 × 29.05 mm                                                                                                                                                                                                                                          | ISO 18092                     | I-Code ILT-M                                                                                                                                                                                                                                  |
| Material                  | ABS+PC                                                                                                                                                                                                                                                           |                               |                                                                                                                                                                                                                                               |
| Drop Height               | Withstands drops from 1.22 meters onto<br>composite<br>Drop Height wood flooring, while powered<br>on.                                                                                                                                                           |                               |                                                                                                                                                                                                                                               |
| Device Color              | Black+Orange                                                                                                                                                                                                                                                     |                               |                                                                                                                                                                                                                                               |

# ORDER CODES

| VERSIONS | ORDER CODES      |
|----------|------------------|
| C14      | R-HH-C14-NFC-A16 |

## APPLICATION RANGE



ACCESS CONTROL



MAINTANCE



LOGISTIC APPLICATION