

# Handheld Computer C4 Green



## Features

- Android 5.1.1
- 4.0" TFT-LCD
- Keypad
- Li-Ion Polymer Battery
- LTE/Bluetooth/GSM/GPS/3G
- 1D/2D Barcode Reader Optional
- Rear 8 MP Camera
- Optional Fingerprint Reader
- Optional PSAM Security
- NFC Version
- IP65

## RFID Options

- HF (ISO14443A, ISO15693)
- NFC (ISO14443A, ISO15693, ISO18092)
- LF (125kHz)

Handheld C4 Green is a smartphone sized Android device with 4.0 inch touch screen and additional keypad. Its rugged yet lightweight IP65 design is suitable for both interior and exterior applications. C4 Green offers multiple mobile data services, including WWAN, WPAN and GPS. Users can choose from three fully integrated RFID readers; HF, NFC, and LF.

The portable C4 Green mobile device features a high performance Quad A53 1.3GHz quad-core processor, 2GB RAM and 16GB of ROM, which enables enhanced work efficiency, better task flow and quicker response time on the go. Thanks to the Android 5.1.1 operating system, it is easy and intuitive to use and a reliable choice for all your work needs

Its rechargeable 5200mAh Li-ion battery lasts for hours on a single charge. IP65 rated C4 Green Handheld is equipped with a rear 8 megapixel camera and an optional fingerprint reader. A 1D or 2D Barcode reader are also optionally available. Handheld Computer C4 Green delivers big performance in a small, affordable package.

A wide range of essential accessories, including a USB desktop cradle for charging a handheld and a spare battery parallel, completes the package.



## Technical Data

### Physical Characteristics

Dimension	158 x 75 x 28mm
Weight	Net 300g (including battery & wrist strap)
Display	4.0 in. TFT-LCD (480x800) touch screen with LED backlight
Keypads	3 TP keys, 17 function keys, 4 side buttons
Expansions	2 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.7V, 5200mAh

### Performance Characteristics

CPU	Quad A53 1.3 GHz quad-core
RAM/ROM	2GB/16GB
Storage	MicroSD (max. 32GB expansion)

### Programming Environment

Operating System	Android 5.1.1
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### User Environment

Operating Temp.	-20 to 50°C / -4 to 122°F
Storage Temp.	-20 to 70°C / -4 to 158°F 5% - 95%RH (Non-condensing)
Drop Specifications	1.5 m / 5ft. drop to concrete across operating temperature range
ESD	±15kv air discharge, ±8kv direct discharge
Sealing	IP65

### Communication

WLAN	2.4GHz/5.8GHz Dual Frequency, IEEE 802.11 a/b/g/n/ac
WWAN	TDD-LTE Band 38, 39, 40; FDD-LTE Band 1, 2, 3, 4, 7 WCDMA (850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz)
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0
GPS	GPS(embedded A-GPS), accuracy of 5 m

### 1D/2D Barcode Reader (optional)

1 D laser engine	Symbol SE955
Symbologies	All major 1D barcodes
2D CMOS Imager	Honeywell N6603
Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal.etc.

### Fingerprint Reader (optional)

Sensor / Type	TCS1CT/ Capacitive, area sensor
Resolution	508 DPI
Performance	FRR<0.008%, FAR<0.005%
Capacity	1000

### PSAM Security (optional)

Protocol	ISO7816
Baudrate	9600, 19200, 38400,43000, 56000, 57600, 115200
Slot	2 slots (maximum)

### RFID Readers

	HF	NFC	LF
Frequency	13.56MHz	13,56MHz	125kHz
Protocol	ISO14443A ISO15693	ISO14443A ISO15693 ISO18092	-
Antenna Gain	-	-	-
R/W Range	Up to 8 centimeters	Up to 8 centimeters	Up to 8 centimeters

### Supported Standards / Tags

ISO18000-6C	Standard ISO 18000-6C (EPC Class 1 Generation 2) E.g.: Alien Higgs 2/3/4, Impinj Monza, NXP UCODE, etc.
ISO14443 A and compatible	Read/write: MIFARE® DESFire®EV1 2K / 4K / 8K, MIFARE® Classic Mini / 1K /4K, MIFARE Ultralight®, MIFARE Ultralight® C, MIFARE® Plus S / X, MIFARE® Pro X, NTAG 21x  Read UID only: Read UID only of all other ISO14443A RFID tags
ISO 15693 and compatible	EM4135, EM4043, EM4x33, EM4x35, I-Code SLI / SLIX, M24LR16/64, TI Tag-it HF-I, SRF55Vxx (my-d vicinity)
ISO 18092 (NFC)	P2P Mode, Card Emulation, NFC Forum Tag 1-5

### Camera

Resolution	8.0 megapixel
Lens	Auto-focus with LED flash

## Accessories (Optional)



Desktop Cradle USB

Carrying Case

Spare Battery



## Order Codes

Version	Order Code
C4 Green HF (13.56MHz)	R-HH-C4G-HF
C4 Green NFC (13.56MHz)	R-HH-C4G-NFC
C4 Green LF (125KHz)	R-HH-C4G-LF

Options	Order Code
1D Barcode Scanner	xx-1DBC
2D Barcode Imager	xx-2DBC
Fingerprint Reader	xx-FPR

Accessories	Order Code
Desktop Cradle USB	R-HH-C4G-DTC
Spare Battery	R-HH-C4G-PS
Carrying Case	R-HH-C4G-CC

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