



Handheld Computer C4 Green

FEATURES

- Android 7.0 (Optional 5.1.1)
- 4.0" TFT-LCD
- Integrated Keypad
- Li-Ion Polymer Battery
- LTE/Bluetooth/GSM/GPS/3G
- 1D/2D Barcode Reader
- Rear 8 MP Camera
- Optional Fingerprint Reader
- Optional PSAM Security
- IP65 Protection Class
- NFC Version

RFID OPTIONS

- HF (ISO14443A, ISO15693, ISO 18092)
- LF (125 kHz)

PRODUCT DESCRIPTION

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 1.3 GHz quad-core processor, 2 GB RAM and 16 GB of ROM, which enables enhanced work efficiency, better task flow and quicker response time on the go. Thanks to the Android 7.0 (Optional 5.1.1) operating system, it is easy and intuitive to use and a reliable choice for all your work needs

Its rechargeable 5.200 mAh 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.



RFID

1D/2D Barcode

GSM/3G/4G

GPS

Bluetooth

Wi-Fi

Touch Screen

IP65

Camera

Android 7

TECHNICAL DATA

PHYSICAL CHARACTERISTICS

Dimensions	158 × 75 × 28 mm
Weight	Net 300 g (including battery & wrist strap)
Display	4.0 in. TFT-LCD (480 × 800) 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, 3.7 V, 5.200 mAh

PERFORMANCE CHARACTERISTICS

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

PROGRAMMING ENVIRONMENT

Operating System	Android 7.0 (Optional 5.1.1)
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USER ENVIRONMENT

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

CAMERA

Resolution	8.0 megapixel
Lens	Auto-focus with LED flash

1D | 2D BARCODE READER (OPTIONAL)

1D 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	ISO 7816
Baudrate	9600, 19200, 38400, 43000, 56000, 57600, 115200
Slot	2 slots (maximum)

RFID READERS

	HF	NFC	LF
Frequency	13.56 MHz	13.56 MHz	125 kHz
Protocol	ISO 14443A ISO 15693	ISO 14443A ISO 15693 ISO 18092	ISO 11784 ISO 11785
R/W Range	up to 8 cm		

SUPPORTED STANDARDS | TAGS

ISO 14443 A and compatible	Read/write: MIFARE® DESFire® EV1 2K / 4K / 8K, MIFARE® Classic Mini / 1K /4K, MIFARE Ultra-light®, MIFARE Ultralight® C, MIFARE® Plus S / X, MIFARE® Pro X, NTAG 21x
ISO 15693 and compatible	Read UID only: Read UID only of all other ISO14443A RFID tags
ISO 18092 (NFC)	EM4135, EM4043, EM4x33, EM4x35, I-Code SLI / SLIX, M24LR16/64, TI Tag-it HF-I, SRF55Vxx (my-d vicinity)
ISO 11784 ISO 11785	P2P Mode, Card Emulation, NFC Forum Tag 1-5 Read only: EM4100 and EM4200

ACCESSORIES (OPTIONAL)



Desktop Cradle USB

Carrying Case

Spare Battery

PRODUCT PICTURES



ORDER CODES

VERSIONS	ORDER CODES
C4 Green HF (13.56 MHz)	R-HH-C4G-HF
C4 Green NFC (13.56 MHz)	R-HH-C4G-NFC
C4 Green LF (125 kHz)	R-HH-C4G-LF

OPTIONS	ORDER CODES
1D Barcode Scanner	xx-1DBC
2D Barcode Scanner	xx-2DBC
Fingerprint Reader	xx-FPR

ACCESSORIES	ORDER CODES
Desktop Cradle USB	R-HH-C4G-DTC
Spare Battery	R-HH-C4G-PS
Carrying Case	R-HH-C4G-CC

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