



Handheld Computer C4 Red UHF GUN

FEATURES

- Android 7.0 (Optional 5.1.1)
- Large 5.0" TFT-LCD
- Ergonomic Pistol Grip
- Gorilla Glass 3 Screen
- Li-Ion Polymer Battery
- Wi-Fi/Bluetooth/GSM/GPS/4G
- 1D/2D Barcode Reader Optional
- 8 MP Camera
- Optional PSAM Security
- ETSI Frequencies
- IP65 Protection Class

RFID OPTIONS

- UHF (EPC C1 GEN2 / ISO18000-6C)

PRODUCT DESCRIPTION

The Gun Version of the C4 Red Handheld Computer features an ergonomic piston grip and rugged design. With an external UHF reader and optional barcode capabilities, you can easily add next generation RFID and barcode scanning to your mobile devices. The industrial-grade UHF GUN runs on the highly versatile Android 7 operating system.

The C4 Red UHF GUN is packed with integrated features. It has a Gorilla Glass protected large 5.0" TFT-LCD touch screen, a 8 megapixel camera, a handy keypad and 4 side buttons, plus a rechargeable li-ion polymer battery that lasts even the longest workdays.

C4 Red UHF Gun from iDTRONIC Professional has been developed for mid- to long-range RFID read applications and use in very demanding environments. Its ergonomic compact design is ready for in- and outdoor use. An IP65 rating protects it against dust and makes it highly resistant to water.

The latest high speed network communication technologies ensure reliable work on the go. With LTE, GPS, GPRS/EDGE, WLAN and Bluetooth capability, iDTRONIC's C4 Red UHF GUN offers rapid data transmitting on the highest quality. A high performance 1.3 GHz quad-core processor allows multiple tasks and quicker responsive time.



RFID

1D/2D Barcode

GSM/4G

GPS

Bluetooth

Wi-Fi

Touch Screen

IP65

Camera

Android 7

TECHNICAL DATA

PHYSICAL CHARACTERISTICS

Dimensions	170 × 85 × 23 mm ±2 mm
Weight	Net 650 g (including battery & wrist strap)
Display	Gorilla Glass 3 9H 5.0 in. TFT-LCD (720 × 1280) touch screen with LED backlight
Keypads	3 TP keys, 6 function keys, 4 side buttons
Expansions	2 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.7V, 8000mAh

PERFORMANCE CHARACTERISTICS

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

PROGRAMMING ENVIRONMENT

Operating System	Android 7.0 (Optional 5.1.1)
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USER ENVIRONMENT

Operating Temperature	-20 to 50°C / -4 to 122°F
Storage Temperature	-20 to 70°C / -4 to 158°F 10% - 90%RH (Non-condensing)
Drop Specifications	1.5 m / 5ft. drop to concrete across operating temperature range
ESD	±15kv air discharge, ±8kv direct discharge
Protection Class	IP65, IEC compliance

COMMUNICATION

WLAN	2.4GHz/5.8GHz Dual Frequency, IEEE 802.11 a/b/g/n/ac
WWAN	TDD-LTE Band 38, 39, 40, 41; FDD-LTE Band 1, 2, 3, 4, 7, 17, 20; 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)

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, Maxi-Code, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal.etc.

PSAM SECURITY (OPTIONAL)

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

RFID READERS

UHF

Frequency	865 - 868MHz
Protocol	EPC C1 GEN2 / ISO 18000-63
Antenna Gain	Circular antenna 3dBi
R/W Range	Up to 6 meters (tags and environment dependant)

SUPPORTED STANDARDS | TAGS

ISO 18000-63	Standard ISO 18000-63 (EPC Class 1 Generation 2) E.g.: Alien Higgs 2/3/4, Impinj Monza, NXP UCODE, etc.
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CAMERA

Resolution	8.0 megapixel
Lens	Auto-focus with LED flash

PROGRAMMING ENVIRONMENT

SDK	Handheld-Wireless Software Development Kit
Language	Java
Environment	Android Studio or Eclipse

ACCESSORIES (OPTIONAL)



Desktop Cradle USB

Spare Battery



ORDER CODES

VERSION	ORDER CODE
C4 Red UHF GUN ETSI (865 – 868 MHz)	R-HH-C4R-UHF-GUN

BARCODE OPTIONS	ORDER CODES
1D Barcode Scanner	xx-1DBC
2D Barcode Imager	xx-2DBC

ACCESSORIES	ORDER CODES
Desktop Cradle USB	R-HH-C4R-DTC
Spare Battery	R-HH-C4R-PS

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