

Coming with Android OS, and new UHF module

C4000 UHF MOBILE COMPUTER

C4000 UHF extends the C4000 family with integrated powerful UHF-band RFID technology into Andorid OS 4.0 Inside the compact hand-held device, IP64 water /dust proof, 1.2m/ 3.9ft drop survival, metal frame, shock-resistance rubber seals are all equipped to ensure durability. A dual core processor up to 1GHz, two batteries, 1GB RAM and up to 32GB expansion are all designed to boost up speed.



Anywhere Wireless Connectivity

Keep operators connected outdoor and indoor with 3.5G GSM / HSDPA cellular and 802.11b/g/n WIFI.

UHF Band RFID Technology

The ultra fast scanning speed with UHF, The very long detecting range up to 5 meters / 16 feet. With multi-tag support to boost your business ability.

The unique antenna design ensures the better radio level to capture signal from tags.

Dual-battery Design

Installed main battery and pistol battery provides 3200mAh plus 5200mAh lager capacity, supporting more than doubled power to work out.

Ease of Use

With re-designed buttons, trigger, and options of numeric or Numeric or full alphanumeric keypad, creating inputting a real joy! Comes with a comfortable pistol, carrying the C4000 is totally burden-free.

Continuous Support

Chainway.net Live support, Tel support, Email support, etc. Chainway is always with you.

C4000 UHF, THE NEW EXTENSION TO C4000 FAMILY

For more information, access www.chainway.net/products/c4000-uhf.asp,
or contact us at www.chainway.net/contactus.asp

PARAMETER PAGE

PHYSICAL CHARACTERISTICS

Dimension	192 × 87 × 151mm / 7.56 × 3.43 × 5.95in. (includes UHF module/antenna, pistol)
Weight	C4000 361g / 12.73oz. (includes UHF module / antenna, main battery, pistol (excludes battery)) C4000 456g / 16.08oz. (includes UHF module / antenna, main battery, pistol (includes battery))
Display	4in. WVGA (480 × 800) TFT-LCD, capacitive dual touch
Expansion	1 SIM, 1 PSAM
Interface	USB Micro-B, serial port RS-232 (TTL)
Audio	0.5Watt speaker, build-in microphone
Keypad	4 TP keys, 3 function keys, 3 side buttons
Batteries	Main bat. (rechargeable li-ion polymer, 3.7V, 3200 mAh) Pistol bat. (rechargeable li-ion polymer, 3.7V, 5200 mAh)

PERFORMANCE CHARACTERISTICS

CPU	Cortex-A9 1GHz Dual core
Memory	1GB RAM
Storage	Build-in 4GB Flash, MicroSD (Max.32GB expansion)
OS	Android 4.0.4
SDK	Chainway SDK
Language	Java
Tool	eclipse

ENVIRONMENT

Operating Temp.	-10 to 50°C / 14 to 122°F
Storage Temp.	-40 to 70°C / -40 to 158°F
Humidity	5% RH-95% RH (noncondensing)
Drop	1.2m / 3.9ft drop, 6 sides (concrete floor under operating temp.)
Tumble	1,000 times, 0.5 m / 1.6ft, 6 contact surfaces, IEC compliance
Sealing	IP64, IEC compliance
ESD	15KV air discharge, 8KV conductive discharge

PSAM SECURITY (OPTIONAL)

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

COMMUNICATION

WLAN	IEEE802.11b/g/n, internal antenna
WWAN&Voice	WCDMA / HSDPA / HSPA+ (850 / 1900MHz or 850 / 2100MHz), GSM / GPRS / EDGE (850 / 900 / 1800 / 1900MHz)
WPAN	Bluetooth v2.1+EDR Bluetooth v3.0+HS Bluetooth v4.0 Low Energy (LE)
GPS	GPS (embedded A-GPS)

UHF READER

Frequency	865-868MHz / 920-925MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Linear polarization (2dBi)
Power	1W (+10dBm to +30dBm)
R/W ranges	Option1, 1 to 3m/3.28 to 9.84ft. / Option2, 1 to 5m/3.28 to 16.4ft. (tags and environment dependant)

BARCODE SCANNERS

1D Linear Scanner (Optional)

1D Laser/CCD	Symbol SE955 / SE655
Symbologies	All major 1D barcodes

2D Imager Scanner (Optional)

2D CMOS Imager	Symbol SE4500
Resolution	752(H) × 480(V) pixels
Angle	360°
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 (KIX), etc.

BIOMETRIC FINGERPRINT (OPTIONAL)

Sensor	TCS255
Sensor type	Capacitive, area sensor
Function	Enrollment, compare, deletion etc.
Resolution	508DPI
Memory	1,000 PCS fingerprints
Performance	FRR < 0.1%; FAR < 0.001%
Math time (1:1)	< 0.1 sec
Math time (1:N)	< 0.5 sec

ACCESSORIES

Standard



AC adapter



Snap-on



USB cable



Cradle



Pistol grip

Optional



Fingerprint snap-on



Carrying case