MOBILE HANDHELD COMPUTER



C4000 is an Android-based rugged mobile computer. With its powerful 1.3GHz processor and best possible battery performance, as well as the comprehensive data capture options, including LF/HF/UHF RFID and NFC reading, high-performance 1D/2D, infra-red and sensitive fingerprint scanning, you can find this easy-to-deploy device an exceptionally valuable helper for your workers to increase their efficiency and productivity. With its highly customizable ability, enterprises can deploy this single device in many areas, including retail, warehouse management, logistics, asset tracking, fleet management, animal management and etc.



Powerful Application Performance

The C4000 is based on Android 4.4.2 system, features the fast and powerful quad core 1.3GHz processor, together with 1GB of RAM, 4GB build-in flash storage, plus a SD card slot that can add up to 32GB of memory.



Extensive Data Capture Options

The C4000 can be integrated with best-in-class Zebra 1D/2D scanning engine, LF/HF/UHF RFID or NFC reading module, sensitive fingerprint snap-on and GPS. It allows users to choose data collection options as per industry need.



Rugged and Compact

The C4000 is highly rugged, compact and durable. With an IP64 water and dust proof capability, workers can drop this device on concrete, use it in dusty areas, even get it wet, and still expect reliable operation.



Fast Wireless Connectivity

The C4000 provides enterprises with anywhere, anytime real-time connectivity by a variety of wireless connections including WCDMA, WiFi, Bluetooth and GPRS.



Powerful Battery

With the 3200mAh main battery and the optional 5200mAh pistol battery, you can be confident that your device can always deliver results when you need it to.



Highly Customizable

From a single function device to a fully featured enterprise mobile computer, this device delivers the best possible flexibility and diversity to satisfy a whole variety of application needs



TechSigno Srl Via Selvuzzis, 53 - 33100 Udine (UD) - Italy T +39 0432 603604 F +39 0432 602905

Email info@techsigno.com
Web www.techsigno.com

www.chainway-tech.it



Dimensions

Weight

Display Touch Panel

Power

Interfaces

Keypad Sensor

Audio

RAM

ROM

Expansion

Language

Storage Temp.

Drop Specification

Tumble Specification

Biometric (Optional)

Humidity

Sealing

WLAN

WWAN

Bluetooth

Functions

Resolution

Sensor Sensor Type

Memory

GPS

Tool

Operating System SDK

User Enviroment Operating Temp

Expansion Slot

Performance

Developing Enviroment



1 PSAM 1 SIM/PSAM

4GB

Java

IP64

Android 4.4.2

-10°C to 50°C

-40°C to 70°C

temperature range

IEEE802.11 b/g/n

Bluetooth 4.0

GPS. AGPS

Capacitive Senso

1,000 PCS fingerprints

508DPI

MicroSD(TF) slot

USB Micro-B (OTG)

153mm x 75mm x 29mm

4" WVGA (480*8000), 16.7M colors

Pistol battery: Li-ion, 5200mAh (Optional)

Rugged Capacitive Touch Panel Main battery: Li-ion, 3200mAh

0.5W speaker, build-in microphone 4 TP Touch Key-Press Buttons

Light Sensor, Proximity Sensor

Cortex-A7 1-3GHz quad-core

Software Development Kit

Eclipse / Android Studio

5%RH - 95%RH non condensing

WCDMA (850/1900/2100MHz) CDMA 2000 EVDO:800MHz

Enrollment, compare, deletion etc

1000 x 0.5m falls at room temperature

GPRS Quad Band (850/900/1800/1900MHz)

Multiple 1.2m drops to concrete across the operating

Supports up to 32GB Micro SD card

















Accessories

1D Laser / CCD	Symbol SE965
Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Imager Scanner	
2D CMOS Laser Scanner	Symbol SE4500
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.



Snap On







Cradle (Opzional)



Pistol (Optional)



Fingerprint Snap-on (Optional)



Carrying case (Optional)

125kHz, 134kHz (FDX-B / HDX) Frequency Protocol ISO11784/5, ISO18000-2 R/O ID card, eg EM4100/4200 TK4100

Cnips	R/W ID card, eg EW4305/HITAG S	
	Animal tags	
Range	3-8cm	
LF with External Antenna		
Frequency	134kHz (FDX-B+HDX)	
Protocol	ISO11784/5	
Chips	Animal tags	
Range	3-12cm 3-20cm with a 75cm Extension Antenna	
HF	2 Eddin Mil a 7 Son Extended 7 Internal	
Frequency	13.56MHz	
Protocol	ISO14443A/B,ISO15693	
Chips	M1 card (S50/S70), M0 (Ultralight) M3 (Desfire D40/D41/D81), CPU_A card, CPU_B card ICODE II,TI2048,LRI64K	
Range	3-8cm	

1 1010001	ISO/IEC 21481 /ECMA 352)			
Range	2-4cm			
Other Modules (Optional)				
Camera	5MP autofocus camera with flash			
PSAM	ISO7816 Protocol, 2 PSAM slot			

ISO/IEC 18092 (ECMA 340)

Intraked	(Optional)
Wavelenght	
Frequency	

Wavelenght	940nm
Frequency	38KHz
Range	> 4m

AUTHORIZED DISTRIBUTOR



Chainway is a leading manufacturer of rugged mobile computers and fixed data terminals in China. Founded in 2005, it headquarters in Shenzhen. For the past decade, Chainway has delivered data collection devices, including handheld rfid reader, fingerprint reader, barcode scanner and etc, to thousands of customers around the globe. We work with a worldwide network of distributors, system integrators and software developers to offer complete and professional data collection solutions to customers from a variety of areas.

TechSigno srl is an independent company that build RFID system and intelligent objects for multimedia, industrial, transportation, medical, and wireless applications. Working closely with our customers, we meet the specific made-to-order demands of our customer to achieve maximum functionality, efficiency, reliability and therefore satisfaction.



C4000 V1.0EN

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