

# Mobile Data Terminal C2000W

High Industrial-Class, Multi-modules Customized, Multifunction Rugged Handheld Computer



## Features

## Description

### "ALL IN ONE" Design

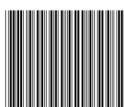
Optional modules including 1D/2D barcode scanning, RFID cards/tags reading under HF protocols, Wi-Fi/GPRS/Bluetooth communication.

### More Rugged with Higher Industrial Standard

Rugged structure with IP54 rating, better dust-/wafer-proof capability and 1.5 m drop survival to concrete to ensure high performance under various extremely environments.

### Expansibility & Customization

Various function modules such as barcode scanner, RFID reader, thermal printer can be integrated according to specific project requirements.



## Parameters of C2000W



### Physical characteristics

**Dimensions:** 145\*65\*30 mm

**Weight :** < 300 g (with battery)

**Screen:** 2.8" QVGA backlight TFT-LCD, 262,144 colors. 240 x 320 (QVGA size)

**Touch panel:** glass analog resistive touch

**Backlight:** LED backlight

**Battery:** rechargeable li-ion polymer battery (3.7 V/2,800 mAh)

**Expansion slots:** SIM/SAM, Micro SD (TF) card

**Indicator:** LED

**Input method:** touch input and keyboard input

**Audio:** 0.5 watt

**Keyboard:** numeric, QWERTY

### Programming environment

.NET and C++ programming using Microsoft Visual Studio 2005&2008 or higher

Software Development Kits (SDK) provided

### Operating system

Windows Embedded CE 6.0 core

Windows Embedded CE 6.0 pro

### Environmental

**Operating temperature:** -20 °C ~ 50 °C

**Storage temperature:** -25 °C ~ 70 °C

**Humidity:** 5% RH ~ 95% RH (non-condensing)

**Dropping survive:** 1.5-meter drop test on six sides (concrete floor, under operating temp)

**Rolling survive:** 1,000 times, 0.5 meter, rolling by six contact surfaces

**Environmental sealing:** IP54

### Performance

**CPU:** Samsung ARM920T@533 MHz

**Memory:** 128MB RAM/1G Flash

**Expansion Memory:** 4G TF (standard), maximum 8G

**Interfaces:** USB 2.0; RS232



### HF

**Operating frequency:** 13.56 MHz

**Protocol:** ISO14443A/B, 15693 (optional)

**Read/write range up to:** 3.15 in (8 cm)



### 1D laser scanner

**Brand:** Symbol SE955

**Types:** UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS



### 2D scan engine

**Brand:** Symbol SE4500

**Types:**

**1D:** all major codes;

**2D:** 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)



### Wireless WAN

**Network (WWAN):** Wavecom GPRS/GSM

900/1800 MHz



### Wireless LAN

**WiFi:** muRata IEEE802.11b/g



### Wireless PAN

**Bluetooth:** Class II, 3-5 M



### Camera

Samsung 3.2 mega pixels, 2048 (H)\*1536 (V), QXGA



### Thermal printer

**Size:** 118\*99\*55 mm

**Communication:** Bluetooth 2.0; RS232

**Paper width:** 78 mm

**Accessories:** thermal paper, carrying case, power adapter, battery

### Accessories

**Standard:** battery, charger/adaptor, data cables, stylus, carrying case, hand strap, 2G micro SD (TF) card, protective film

**Optional:** thermal printer

**Refer to Accessories Appendix**

To learn more about the products of Shenzhen Chainway, please visit: <http://www.chainway.net>

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