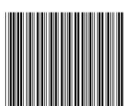


Mobile Data Terminal C5000W

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/LF protocols, WiFi/GPRS/Bluetooth communication, GPS positioning and image capturing.
More Rugged with Higher Industrial Standard	Rugged structure with IP64 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 infrared, fingerprint, thermal printer can be integrated according to specific project requirements.



Parameters of C5000W



Physical characteristics

Dimensions: 186.5*75*38.9 mm

Weight : < 400 g (with battery)

Screen: 3.2" QVGA backlight TFT-LCD, 65 K colors.

240 x 320 (QVGA size)

Touch panel: glass analog resistive touch

Backlight: LED backlight

Battery: rechargeable li-ion polymer battery (3.7 V/4,000 mAh)

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

Indicator: LED

Input method: touch input and keyboard input

Audio: 0.5 watt

Keyboard: numeric, full alphanumeric

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: IP64

Performance

CPU: Samsung ARM920T@533 MHz

Memory: 128 MB RAM/1 GB Flash

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

Interfaces: USB 2.0; RS232



LF

Operating frequency: 125 KHz, 134.2 KHz

Protocol: ISO11784, ISO11785

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

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; 850/900/1800/1900MHz



Wireless LAN

WiFi: muRata IEEE802.11b/g



Wireless PAN

Bluetooth: Class II, 3-5 M



PSAM

Baud rate: 9600, 19200, 38400, 43000,

56000, 57600, 115200

SAM slots: maximum 2



GPS

Module: u-blox NEO-5Q

Performance: 50-channel u-blox 5 positioning engine, Internal GPS

Localization time: hot start-1 sec, warm start-38 secs, cold start-42 secs



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/adapter, data cables, stylus, carrying case, hand strap, 2G micro SD (TF) card, protective film

Optional: cradle, 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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