CHAINWAY C2000

Handheld Data Terminal

FEATURES

- **Very Portable Design**
- **Familiar Windows CE**
- **Essential Barcode Scan**
- **Popular RFID Tech.**
- **Wireless Communications**
- **Water/Dust Proof IP54**
- **Drop survival 1.2m/3.9ft.**
- **Clear LCD display**
- **C#, C++, VB.NET**

CHAINWAY C2000 handheld data terminal was marked with compact size, portability, durability, functionality and flexibility, which is customized for enterprise administrative personnel and mobile staff, as well as business application and IT demands.

A set of advanced data capture module in various business fields can obtain abundant and accurate data automatically, matching the verified module with responsive staff. You can now choose either 1D laser scanner with highest performance or 2D imager scanner capable of collecting 1D/2D barcodes to meet the high demand for barcode scanning. And add the 3.2 mega pixels camera to capture any necessary photograph at site. It abides by design philosophy of portability and good-looking industrial design, compact size and ease of use, waterproof and dustproof, sturdiness and durability, high precision, high speed, extensibility and customization to meet different industrial data capture.

CHAINWAY C2000 adopts industrial standard, a great amount of mobile solutions can be achieved with this device. Workers can enjoy a convenient and light-hearted working state with this model. The reduced deployment complexity greatly saves the operational cost, as well as significantly improves the work efficiency. For that, CHAINWAY C2000 can bring you the greatest return on investment.

Handheld Data Terminal
C2000

1D Barcode	2D Barcode	RFID	GPRS	Camera	Bluetooth	WI-FI

Accessories

Standard

AC adapter

USB cable

Stylus Passive

Rechargeable Battery

Optional

Single unit charger

carrying case

PHYSICAL CHARACTERISTICS

Dimension	148 × 71 × 31mm / 5.83 × 2.80 × 1.22in.
Weight	280g / 9.88oz. (includes battery)
Display	2.8"QVGA TFT-LCD touch screen with backlight, 240 × 320 resolution, 65K colors
Keypad	Numeric
Battery	Rechargeable Li-ion polymer battery 3200mAh
Expansion slot	SIM, MicroSD (TF)
Audio	0.5Watt speaker
Interfaces	USB2.0 Device

PERFORMANCE CHARACTERISTICS

CPU	Samsung ARM920T@533MHz
RAM	128MB
Storage	1GB Flash, MicroSD (Max.32GB expansion)

PROGRAMMING ENVIRONMENT

Operating System	Windows Embedded CE6.0 Core
	Windows Embedded CE6.0 Pro (Optional)
SDK	Chainway software development kit
Language	C#, C++, VB.NET
Tool	Microsoft Visual Studio 2005/2008

USER ENVIRONMENT

Operating Temp.	-20 to 50°C / -4 to 122°F
Storage Temp.	-25 to 70°C / -13 to 158°F
Humidity	5% - 95%RH (Non-condensing)
Tumble Spec	1,000 0.5m tumbles
Sealing	IP54, IEC Compliance
Drop Spec.	1.2m / 3.9ft. drop to concrete, 6 drops per 6 sides over operating temperature range

CAMERA (OPTIONAL)

Samsung 3.2MP camera 2048(H)×1536(V), QXGA

BARCODE SCANNER

1D Linear Scanner

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

2D Imager Scanner

2D CMOS laser scanner	Symbol SE4500
Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, A ztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

RFID READER

Frequency	13.56MHz
Protocol	ISO14443A/B, ISO15693
Chips	1) M1(S50/S70), M0(Ultralight), M3(Desfire D40/D41/D81), CPU_A
	2) CPU_B
	3) ICODE II, Ti2048, LRI64K
	4) Others for customization
R/W range	2 - 10cm / 0.79 - 3.94in.

WWAN

GPRS 900/1800MHz or 850/900/1800/1900MHz

WPAN

Bluetooth v2.0+EDR, range 5 - 10m / 16.40 - 32.80ft.

WLAN

WI-FI IEEE802.11b/g

ISO9001 certified   CE   CCC   RoHS