CIPHER LAB

CPT- 8000 / 8001

Portable Terminal

CPT - 8000 / 8001

Connecting..

Press ESC to cancel.

Cipher LAB

- ☐ **Programmable in : Basic, C & Application Generator**
- ☐ **1MB program memory + 1MB data memory**
- ☐ **Ideal for Retail Applications**

CPT - 8000 / 8001

CPT-8000 / 8001 Portable Terminal

Specifications

Power

	8000	8001
Operation battery:	Two AAA size Alkaline	Li-ion 3.7V, 700mAh
Backup battery:	3.0V, 7.0mAh, rechargeable Lithium	
Working hours:	Over 100 hours	

Dimensions (8000)

Size:	122mm (L) x 56mm (W) x 26mm (H)
Weight:	130g (including batteries)

Dimensions (8001)

Size:	122mm (L) x 56mm (W) x 32mm (H)
Weight:	135g (including batteries)

General Characteristics

CPU:	16-bit CMOS, low power consumpiton
Program memory:	1MB flash memory
Data memory:	1MB SRAM / 2MB optional
Display:	100X64 graphic dots FSTN with LED back-lit
Keyboard:	21 rubber keys with LED back-light
Buzzer:	Programmable, 1KHz to 4KHz
LED:	Dual-color, green and red

Accessories (8000)

Communication Cradle-R (Serial)
Communication Cradle-U (USB)
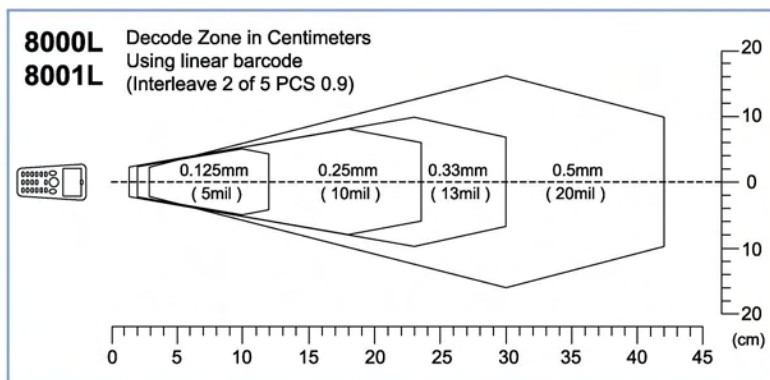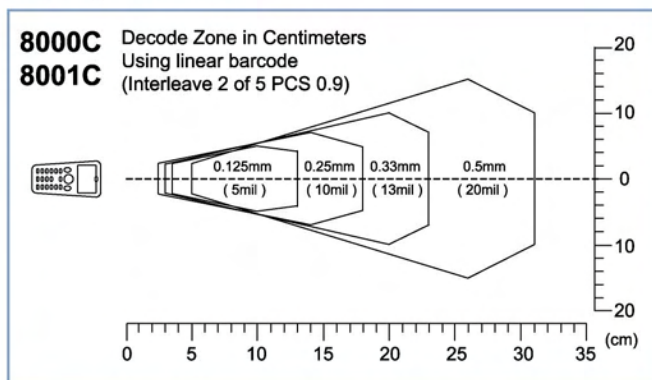Modem Cardle (56 Kbps)

Accessories (8001)

Charging and Communication Cradle-R (Serial)
Charging and Communication Cradle-U (USB)
Modem Cardle (56 Kbps)

Acoustic Coupler (8020,8021)

- Max. Power Consumption: 26mA (When the speaker is ON)
- Data rate / format: 1200,O/E/N, 7/8, 1/2 Stop Bits
- Sound frequency: 1.2KHz +/- 5%, 2.2KHz +/- 5%
- Modulation Type: Bell202 / FSK

Long Range (CCD)

Resolution:	0.125mm (5mil) ~ 0.50mm (20mil)
Reading range:	2.5cm ~ 31cm
Scan rate:	100 scans/sec

Laser Scanner

Light source:	Visible Laser diode operating at 650
Scan rate:	39 scan/sec
Scan angle:	37° nominal
Reading range:	1.5cm ~ 42cm, depends on barcode resolution

Environmental

Operating temperature:	-20° C to 60° C
Storage temperature:	-30° C to 70° C
Humidity:	Non-condensed 5% to 95%
Shock resistance:	1.2m drops onto concrete
EMC regulation:	FCC class-A, CE and C-Tick approved

Communication

Terminal:	IrDA, IR, Acoustic Coupler (8020,8021)
Through cradle:	RS232 (up to 115.2k bps)
	USB (Virtual Com)
	Modem (56 kbps)

Programming Language

"C","BASIC",and a Windows-based Application Generator

Warranty

1 Year

Modem Cradle

- Complete data / fax modem solution with Conexant Chipset
- Data modem: ITU-T V.90, V.34, V.32bis, V.32, V.22 bis, V.22, V.23, V.21 Bell 212A, Bell 103, V.42 LAPM and MNP 2-4 error correction,-V.42 bis and MNP 5 data compression
- 14.4 kbps Fax modem send/receive:-V.17, V.29, V.27 ter, V.21 channel 2, EIA/TIA 578 Class 1 commands, ITU-T Group 3 compatible fax machines and fax modems
- Flow control and speed buffering, automatic format / speed sensing, Power consumption DC 5V / 200mA (Max.)

Reading Performance

8000C / 8001C — Decode Zone in Centimeters Using linear barcode (Interleave 2 of 5 PCS 0.9)

| 0.125mm (5mil) | 0.25mm (10mil) | 0.33mm (13mil) | 0.5mm (20mil) |

Scale: 0, 5, 10, 15, 20, 25, 30, 35 (cm); vertical 20, 10, 0, -10, -20

8000L / 8001L — Decode Zone in Centimeters Using linear barcode (Interleave 2 of 5 PCS 0.9)

| 0.125mm (5mil) | 0.25mm (10mil) | 0.33mm (13mil) | 0.5mm (20mil) |

Scale: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45 (cm); vertical 20, 10, 0, -10, -20

TÜV CERT
DIN EN ISO 9001