

# CPT- 8000 / 8001

## Portable Terminal

**CPT - 8000 / 8001**



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

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# 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 consumption         |
| 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)          |

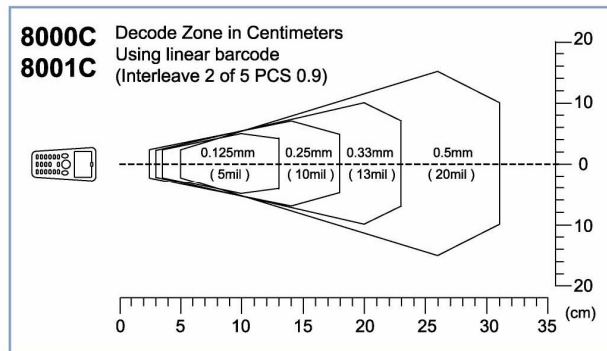
### Accessories (8001)

|                                              |
|----------------------------------------------|
| 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

### Reading Performance



### 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)<br>USB (Virtual Com)<br>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.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.)

