CPT-8000 Portable Terminal

- Feature Packed
- Pocket Size

Pocket Size

Communication Cradle

- Programmable in: Basic, C & Application Generator
- 1MB program memory + 1MB data memory
- Ideal for Retail Applications
## CPT-8000 Portable Terminal

### Specifications

**Power**
- Operation battery: Two AAA size Alkaline
- Backup battery: 3.0V, 7.0mAh, rechargeable Lithium
- Working hours: Over 100 hours

**Dimensions**
- Size: 122mm (L) x 56mm (W) x 26mm (H)
- Weight: 130g (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-light
- Keyboard: 21 rubber keys with LED back-light
- Buzzer: Programmable, 1KHz to 4KHz
- LED: Dual-color, green and red

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

**Warranty**
- 1 Year

### Long Range CCD
- Resolution: 0.125mm (5mil) ~ 0.50mm (20mil)
- Depth of field: 7cm ~ 26cm
- Scan rate: 100 scans/sec

### Laser Scanner
- Light source: Visible Laser diode operating at 650 ± 15nm
- Scan rate: 100 ± 3 scans/sec
- Scan angle: 60° ± nominal
- Depth of field: 4cm ~ 30cm, depends on barcode resolution

### Environmental
- Operating Temperature: -20° to 60° C
- Storage Temperature: -30° 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)
- Through Cradle: RS232 (up to 115.2k bps)
- Modem: USB (Virtual COM)
- Modem (56 Kbps)

### Programming Language
- "C", "BASIC", and a Windows-based Application Generator

### Acoustic Coupler (8020)
- Max. Power Consumption: 26mA (When the speaker is ON)
- Data rate/format: 1200, O/E/N, 7/8, 1
- Sound frequency: 1.2KHz +/- 5%, 2.2KHz +/- 5%
- Modulation Type: Bell202 / FSK

### 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

#### Dimensions
![Dimensions Diagram](image)

#### Acoustic Coupler
![Acoustic Coupler](image)

#### IrDA Interface
![IrDA Interface](image)

#### Modem Cradle
![Modem Cradle](image)