

CPT- 8000 / 8001

Portable Terminal

CPT - 8000 / 8001



- 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 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) |

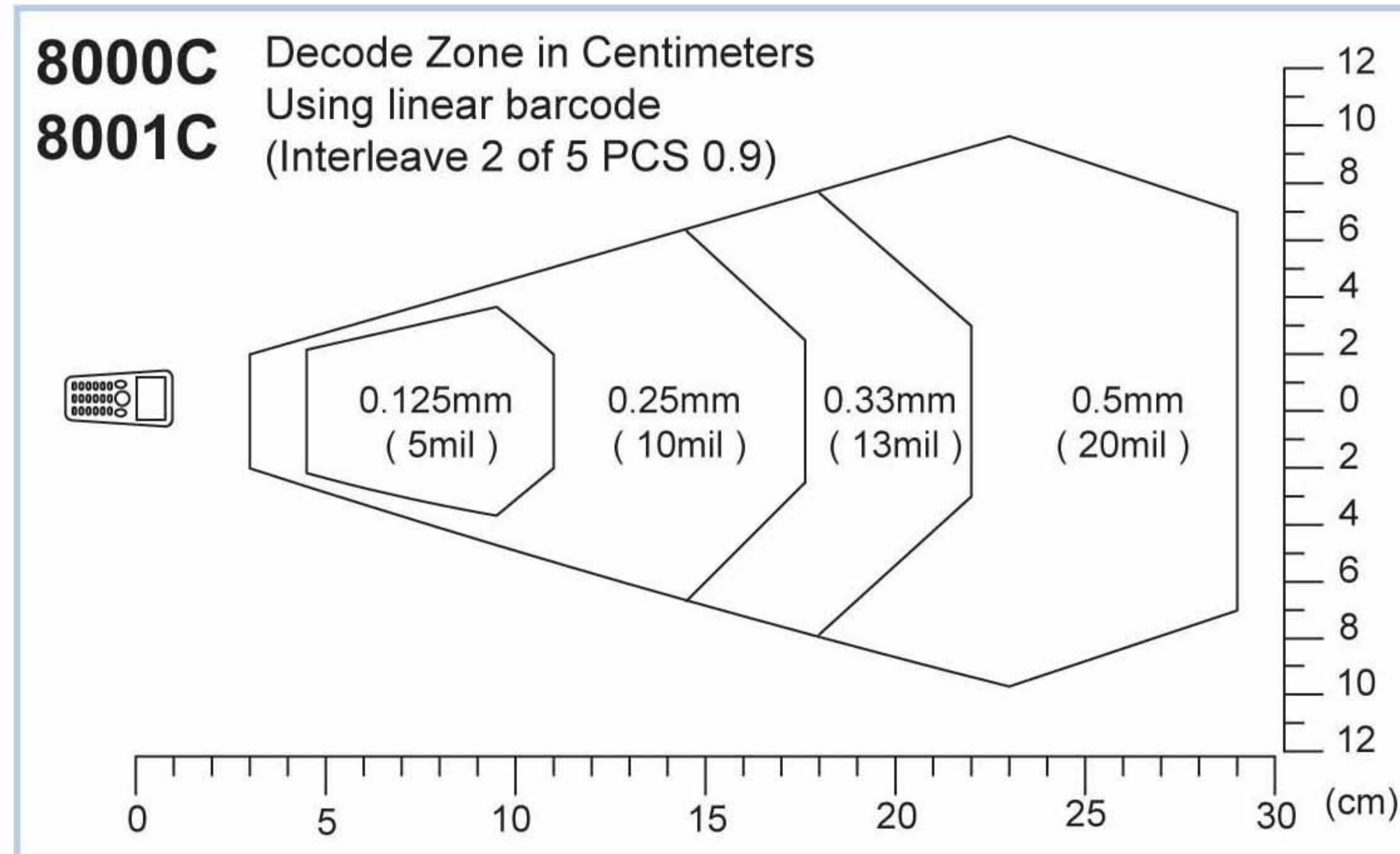
Accessories (8001)

| |
|--|
| 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: | 3cm ~ 29cm |
| Scan rate: | 100 scans/sec |

Laser Scanner

| | |
|----------------|--|
| Light source: | Visible Laser diode operating at 650 ±15nm |
| Scan rate: | 100 ± 3 scan/sec |
| Scan angle: | 60° ± nominal |
| Reading range: | 1cm ~ 45cm, 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.)



Headquarters <http://www.cipherlab.com>

Syntech Information Co., Ltd. 12F, 333 Dunhua S. Rd., Sec 2 Taipei, Taiwan 106 TEL: +886 2 8647-3300 FAX: + 886 2 8732-3300

USA <http://www.cipherlab.com>

Syntech West Inc. 3404 57th Street, NW Suite B, Gig Harbor, WA 98335, U.S.A. TEL: +1 253 858-7906 FAX: +1 253 858-7713