

# Wireless Portable Terminal

**CPT - 8061 / 8071**



- Bluetooth Class 1 (8061)
- IEEE-802.11b (8071)
- Pocket Size
- 1MB program memory + 1MB / 2MB data memory
- Integrated Linear Imager or Laser Scanner
- Built-in IR/IrDA Port
- 100x64 Graphics LCD with Back Light
- Lithium rechargeable battery
- Ideal for Retail Applications

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# CPT- 8061 / 8071 Wireless Portable Terminal

## Specifications

### RF Terminals

	8061	8071
	Bluetooth Class1	IEEE-802.11b
◦ Frequency:	2.402~2.435 GHz	2.4~2.5GHz
◦ Modulation:	GFSK, 1Mbps, 0.5BT Gaussian	DSSSwith DBPSK (1Mbps) DQPSK (2Mbps), CCK (5.5&11Mbps)
◦ Profile:	BNEP, SPP, DUN	
◦ Data Rate:	433 Kbps	11, 5.5, 2, 1Mbps auto-fallback
◦ Channels:	Standard	Standard
◦ Power:	100mW MAX	100mW MAX
◦ Coverage:	250M line-of-sight	200M line-of-sight
◦ Standard:	Bluetooth Spec. V1.1	IEEE 802.11b & Wi-Fi compliance

### 8061 Access Point (3560) Bluetooth Class1

- Frequency: 2.402~2.4835 GHz
- Output Power: 100mW
- Profile: BNEP
- Ethernet Connection: 10/100 Base-T Auto-switch
- Protocol: TCP/IP, UDP/IP, ARP/RARP, DHCP for IPv4
- Piconet Support: up to 7 Terminals

### 8071 Access Point

Frequency: Works with Commercially Available Standard IEEE-802.11b Access Points

### Power

Operation battery:	Li-ion 3.7V, 700mAh
Backup battery:	3.0V, 7.0mAh, rechargeable Lithium
Working hour:	8061 Over 36 hours 8071 Over 8 hours

### 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
Keypad:	21 rubber keys with LED back-light
Buzzer:	Programmable, 1KHz to 4KHz
LED:	Dual-color, green and red

### 8061 Dimensions

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

### 8071 Dimensions

Size:	126.5mm (L) x 60mm (W) x 39.5mm (H)
Weight:	154g (including batteries)

### 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

	8061	8071
Operating Temperature:	-20° C to 60° C	0° C to 60° C
Storage Temperature:	-30° C to 70° C	-20° 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	

### Programming Language

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

### Accessories

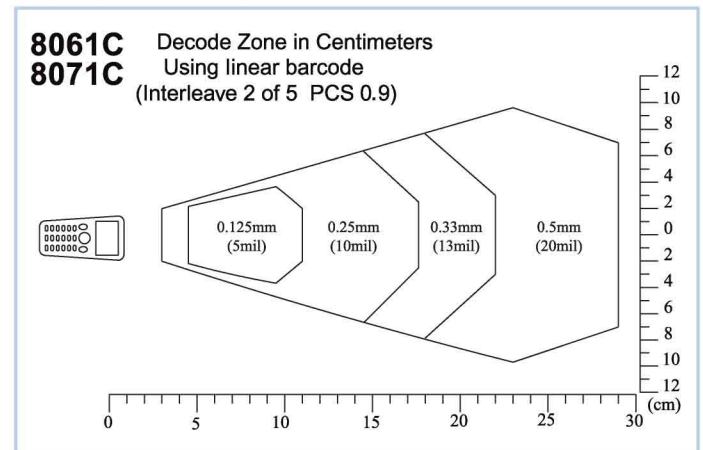
- Charging and Communication Cradle-R (Serial)
- Charging and Communication Cradle-U (USB)

### Warranty

1 Year



### Reading Performance



\*Preliminary Specifications Only