



8071 series

Wireless Mobile Computer

- IEEE-802.11b
- Pocket size
- 2MB program memory + 2MB data memory
- Integrated Linear Imager or Laser Scanner
- Built-in IR/IrDA Port
- 100x64 Graphics LCD with backlight
- Lithium rechargeable battery
- Ideal for Retail Applications

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RF Terminals

Frequency:	2.4~2.5GHz
Modulation:	DSSS with DBPSK (1Mbps) DQPSK (2Mbps), CCK (5.5&11Mbps)
Data Rate:	11, 5.5, 2, 1Mbps auto-fallback
Channels:	Standard
Power:	100mW MAX
Coverage:	250M line-of-sight
Standard:	IEEE 802.11b & Wi-Fi compliance

8071 Access Point

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

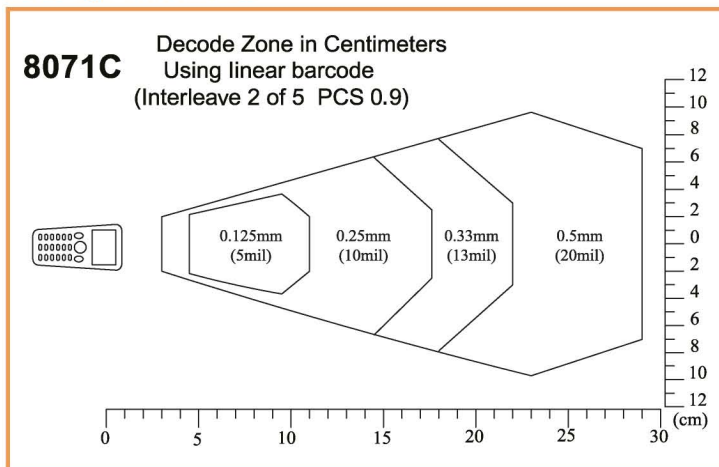
Power

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

General Characteristics

CPU:	16-bit CMOS, low power consumption
Program memory:	2MB flash memory
Data memory:	2MB on board
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

Reading Performance



*Preliminary Specifications Only



8071 Dimensions

Size:	143mm (L) x 57mm (W) x 35mm (H) 143mm (L) x 60mm (W) x 39.5mm (H) (including belt clip)
Weight:	160g (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 650nm
Scan rate:	39 ± 3 scan/sec
Scan angle:	53° (Typical)
Reading range:	1cm ~ 45cm, depends on barcode resolution

Environmental

Operating Temperature:	0° C to 60° C
Storage Temperature:	-20° C to 70° C
Humidity:	Non-condensed 5% to 95%
Shock resistance:	1.2m drops onto concrete
EMC regulation:	FCC, CE and C-Tick, DGT, BSMI, TELEC, MIC

Programming Language

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

Accessories (Optional)

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

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