

# 8300 SERIES Portable Terminal

Dynamic  
Robust  
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Robust



Modem Cradle



Charging & Communication Cradle



Rechargeable Lithium-ion Battery Pack



Battery Charger



- Programmable in: BASIC, C & Application Generator
- 1MB program memory + 2MB / 4MB data memory
- Two keypad layouts, 24 or 39 keys
- Ideal for Industrial, Harsh Environment
- IP 65

**CIPHER LAB**

# 8300 SERIES PORTABLE TERMINAL

## Specifications

### Power

Operation battery:	Li-ion 3.7V, 700mAh
Backup battery:	3.0V, 7.0mAh, rechargeable Lithium
Working hour:	Over 100 hours

### Dimensions

Size:	170mm (L) x 77mm (W) x 37mm (H)
Weight:	250g (including batteries)

### General Characteristics

CPU:	16-bit CMOS, low power consumption
Program memory:	1MB flash memory
Data memory:	2MB/4MB SRAM.
Display:	128x64 graphic dots FSTN with LED back-lit
Keypad:	24 Numeric or 39 Alphanumeric rubber keys
Scanning angle :	0° or 45° Factory Set

### Indicator

Buzzer:	Programmable, 1KHz to 4KHz
LED:	Dual color, green and red

### Programming Language

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

### Warranty

1 Year

### Laser Scanner (8300L)

Light source:	Visible Laser diode operating at 670 ± 15nm
Scan rate:	36 ± 3 scans/sec
Scan angle:	42° ± nominal
Depth of field:	5cm ~ 95cm, depends on barcode resolution

### Long Range CCD (8300C)

Resolution:	Up to 0.125mm (5mil)
Depth of field:	5cm ~ 20cm
Scan rate:	100 scans/sec

### Environmental

Operating Temperature:	-20° C to 60° C, IP Rating: 65
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

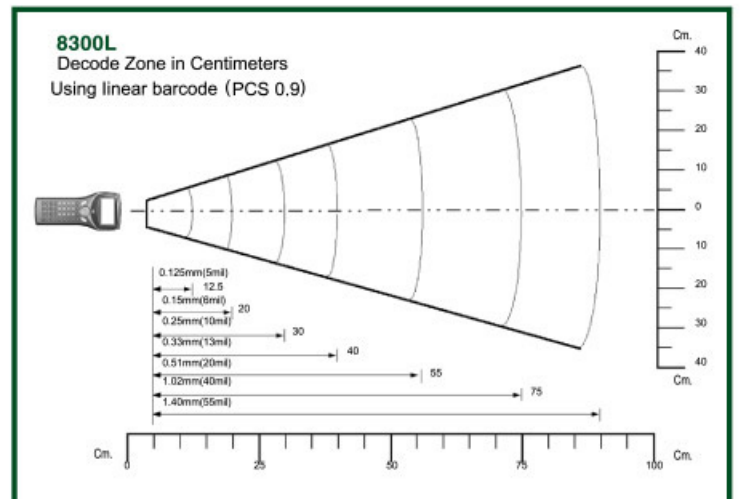
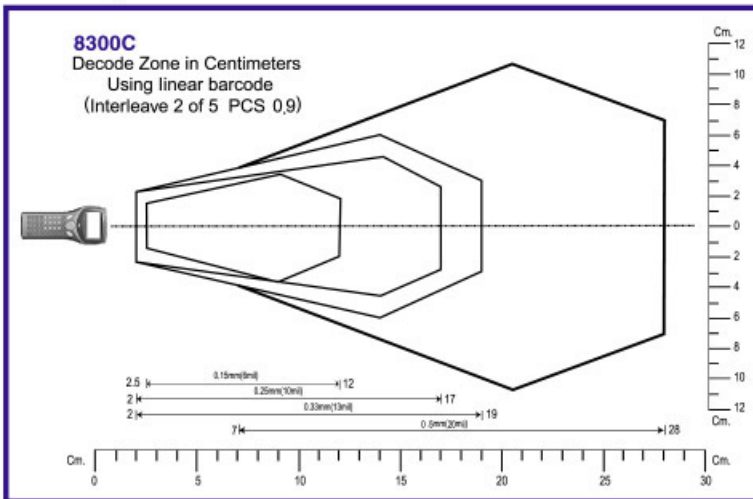
### Communication

RS-232:	Transmission speed up to 115.2k bps
IrDA:	Standard 1.0 compatible, up to 115.2k bps
High Speed IR:	Up to 115.2k bps transmission rate

### Accessories

RS-232 cable, Keyboard Wedge Cable, USB Cable, Modem Cradle(56K) Charging & Communication Cradle

## Reading Performance



## Dimensions



## Cradles

