

# 8300 SERIES

## Portable Terminal

8300 SERIES



- Programmable in : BASIC, C & Application Generator
- 2MB program memory + 2MB / 4MB / 8MB data memory
- Two keypad layouts, 24 or 39 keys
- Ideal for Industrial, Harsh Environment
- IP65

8300 SERIES

# 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 (5 seconds a reading)

### 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:	2MB flash memory
Data memory:	2MB/4MB/8MB 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

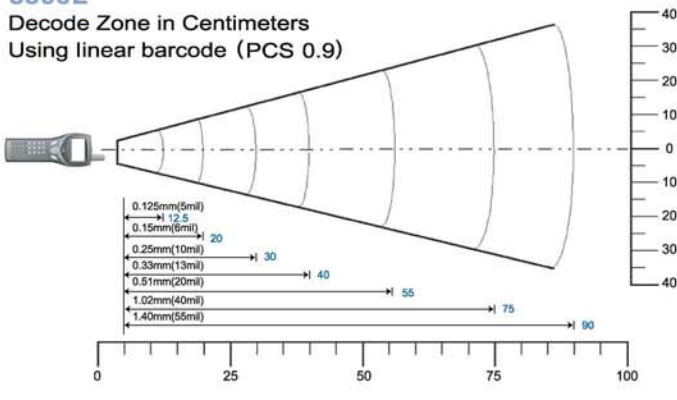
### Warranty

1 Year

### Reading Performance

#### 8300L

Decode Zone in Centimeters  
Using linear barcode (PCS 0.9)



### Laser Scanner (8300L)

Light source:	Visible Laser diode operating at 670±15nm
Scan rate:	36±3 scans/sec
Scan angle:	42°± nominal
Reading range:	1cm ~ 90cm, depends on barcode resolution

### Long Range CCD (8300C)

Resolution:	Up to 0.125mm (5mil)
Reading range:	2cm ~ 28cm, depends on barcode resolution
Scan rate:	100 scans/sec

### 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
IP rating:	65
EMC regulation:	FCC class-A, CE and C-Tick approved

### Communication

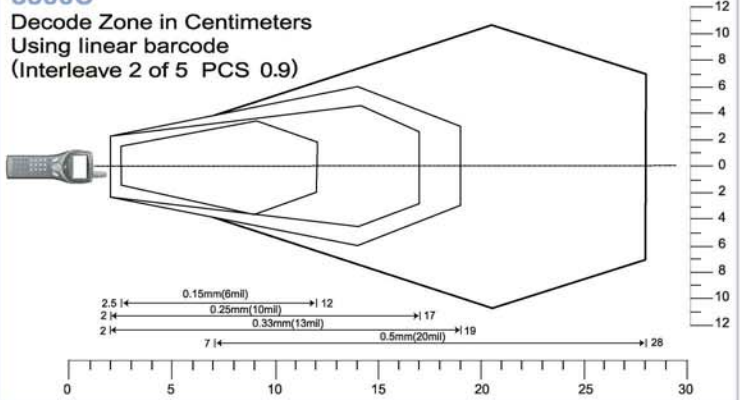
RS232:	Transmission speed up to 115.2k bps
IrDA:	Standard 1.0 Compatible, up to 115.2k bps
High Speed IR:	Up to 115.2k bps transmission rate

### Accessories

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

#### 8300C

Decode Zone in Centimeters  
Using linear barcode  
(Interleave 2 of 5 PCS 0.9)



Rechargeable  
Lithium-ion Battery Pack



Battery Charger



Modem Cradle



Charging &  
Communication Cradle



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