Protable Data Terminals

Z-2030

Portable CCD Data Terminal

CCD/CMOS

Features

- **Convenient, one-handed operation**
  - Ergonomic, modern cellular phone styling

- **Large 128-character LCD display**
  - Backlit LCD readout displays information even in low-lit areas

- **Powerful scanning performance**
  - Advanced 3600 pixel CCD for quick, accurate scans

- **Large internal memory**
  - Up to 2MB available for storage of thousands of barcodes

- **Fully programmable**
  - PC-based task generator for custom applications

- **Flexible connectivity**
  - Manage data via IrDA or RS-232C

- **Extended battery life**
  - Three AAA batteries enable 24 hours of scanning

Applications

Market research

Shipping/receiving

Meter recording

Inventory, stock, and asset management

Express delivery tracking

With its ergonomic styling and LCD display, the Z-2030 handheld terminal is perfect for a wide variety of indoor applications. Sized similar to a modern cellular phone, the Z-2030 enables convenient one-handed operation with an intuitive, user-friendly interface. The Z-2030 features a user-friendly design, allowing the user to quickly program and operate the unit. With its included user-friendly Windows-based task generator, customized applications are easily built.

The Z-2030 delivers powerful scanning performance. Its advanced 3600 pixel CCD ensures the most accurate scans. Large internal memory, available up to 2MB in size, gives adequate storage for thousands of barcodes while its 128-character backlit LCD display allows the user to read information even in low lighting conditions. Its rechargeable Lithium-Ion backup battery ensures that data is safely stored on the unit.

For communication, the Z-2030 supports connectivity via IrDA and RS-323C interfaces, allowing communication with a large number of compatible devices. At 6 scans per minute, three AAA batteries power the Z-2030 for an entire 24 hours.

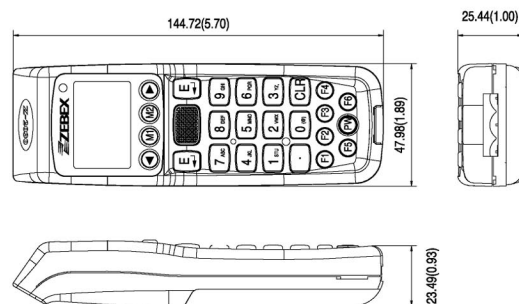Experience convenient, fast, and accurate data management with the Z-2030.
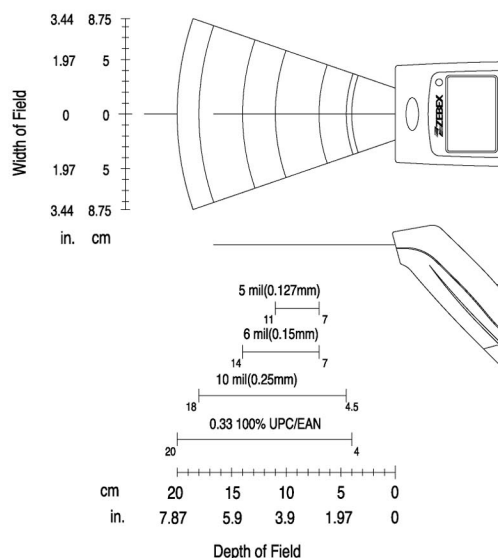
ZEBEX

Z-2030 Series Specifications

OPERATIONAL	
Scanner	
Light Source	635nm visible LED
Optical System	3600 pixel CCD
Depth of Scan Field	40 - 200mm
Width of Scan Field	175mm @ 200mm of depth
Scan Speed	83 scans per second
Scan Angle	38°
Minimum Bar Width	5mil @ PCS 90%
Print Contrast	30% @ UPC/EAN 100%
Indicators (LED)	Two-color LED (green & red)
Beeper Operation	Programmable tone and beep time
System	
CPU	High-performance C-MOS processor
RAM	512KB / 1024KB / 2048KB SRAM
ROM	128KB Flash
System Interfaces	RS-232C via Cradle, IrDA (ZEBEX protocol)
Application Development	Windows-based application generator
Software Development Kit	Available
PHYSICAL	
Height	144.7mm
Depth	23.5mm
Width	48.0mm
Weight	146g (battery included)
LCD Display	FSTN, 96 x 64 dot graphic (8 x 16 characters)
POWER	
Main Battery	3 ea. AAA alkaline batteries or 3 ea. ZEBEX rechargeable battery pack
Backup Battery	3.0V, 25mAH, rechargeable lithium battery
Battery Life	24 hours (6 scans/min)
EMC	CE & FCC DOC compliance
ENVIRONMENTAL	
Operating Temperature	0°C - 50°C
Storage Temperature	-10° - 60°C
Humidity	5 - 95% (non-condensing)
Light Levels	Max. 3000 LUX (Fluorescence)
Shock	Designed to withstand 1m drops

Specifications are subject to change without notice.
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Dimensions

144.72(5.70) 25.44(1.00) 47.98(1.89) 23.49(0.93)

Unit: mm(inch)

Scan Field

3.44 8.75
1.97 5
0 0
1.97 5
3.44 8.75
in. cm

Width of Field

5 mil(0.127mm) 11 / 7
6 mil(0.15mm) 14 / 7
10 mil(0.25mm) 18 / 4.5
0.33 100% UPC/EAN 20 / 4

| cm | 20 | 15 | 10 | 5 | 0 |
| in. | 7.87 | 5.9 | 3.9 | 1.97 | 0 |

Depth of Field