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Z-2030 series

Portable Data Terminal

INTRODUCTION

The Z-2030 series is a programmable handheld terminal, sized as a modern cellular phone, well suitable for a wide variety of indoor portable applications.

The Z-2030 series is user-friendly designed to help the user learn to program and operate in a short period of time. With a PC-based Task Gen and Easy Task software, users can easily build his own application to accomplish even more sophisticated tasks.

For communication, the Z-2030 is provided with an IrDA physical interface, the terminal is able to communicate with the cradle or to all computer devices that use IrDA.

It is newly designed with long range CCD engine which made it at a more reasonable price, but still functions as fast and accurate data management as a laser intergrated terminal.



• Cradle



• Optional Accessories

• Actual Size

FEATURES

- Easy-to-use pocket-sized handheld terminal
- Powered by 3pcs AAA alkaline batteries or 3pcs NiMH rechargeable batteries
- Up to 2MB SRAM on board
- Stand-alone rechargeable lithium-Ion battery for back up
- Clock calendar for time record and alarm
- STN 98 x 64 dot graphic LCD with LED backlight
- RS-232 or IrDA on ZEBEX protocol
- External modem communication support
- Provide In-System Programming application for firmware update
- Easy-to-use built-in free task firmware for variety of applications
- Still support the Task Gen function in the old version
- Provide user friendly Easy Task software to reduce learning time
- Supprt hardware library for customized firmware.

ZEBEX
 TO BE THE BEST IN AUTO ID

Z-2030 PORTABLE DATA TERMINAL



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SPECIFICATIONS

CPU/MEMORY

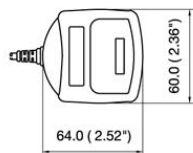
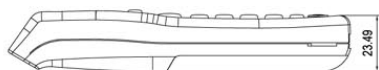
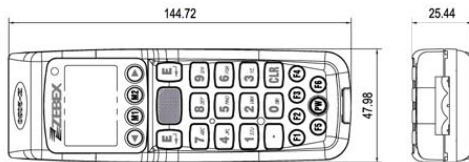
CPU	8 bit C-MOS microprocessor
RAM	256KB/512KB/1024KB/2048KB SRAM on board
ROM	128KB
Keyboard	26 fine rubber touch buttons
Buzzer	Volume programmable Programmable tone and beep time
Real Time Clock	Alarm clock with wake-up function
LCD Display	FSTN, 98 x 64 dot graphic
Back Light	LED back light with auto "off" function

POWER SUPPLY

Main Battery	3 x AAA alkaline batteries, or 3 x AAA 700mAH NiMH rechargeable batteries (Use ZEBEX supplied rechargeable batteries only)
Back-up	3.0V, 25mAh, rechargeable Lithium battery
Battery Life	24 Hrs (6 scans/min.) after full charge
Power Manage	1. Low power warning for main back-up battery 2. Entering into standby mode automatically after scanning or key in

INTEGRATED OPTICS

Optical System	2048 pixel CCD or 3600 pixel CCD device
Resolution	0.125mm (5 mil)
Scan Angle	38°
PCS Value	35% or more
Light Source	635nm visible LED
Scanning Speed	83 scans / sec
Reading Distance	18cm (7.1") (EAN/UPC 100%, PCS=90%)



DECODING CAPABILITY

Barcode	UPC-A/E, EAN-8/JAN-8, EAN-13/JAN-13,
Symbologies	Codabar, Code 39, full ASCII Code 39, Code 128, ITF 2 of 5, ISBN/ISSN, Code 93, Optional: Chinese Post Code

COMMUNICATION

IrDA	Baud Rate: IrDA 2400, 4800, 9600, 19200 with cradle
RS-232C	Programmable up to 115,200 bps

PHYSICAL AND ENVIRONMENTAL

Dimensions	See the drawing
Weight	115g (4 oz)
Operating Temp.	0°C ~ 50°C (32°F ~ 122°F)
Storage Temp.	-10°C ~ 60°C (14°F ~ 140°F)
Humidity	5 ~ 95% RH (non-condensing)

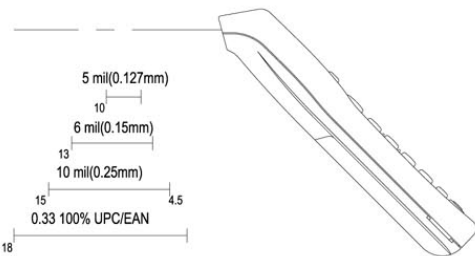
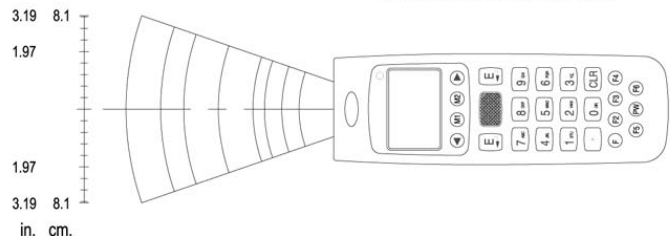
SOFTWARE & DEVELOPMENT

Software & Development	1. Built-in Free Task 2. Support the Task Gen Software 3. Provide user friendly Easy Task software to reduce learning time 4. C-compiler and hardware library for customized application
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Width of Field in Inches/Centimeters



cm. 18 15 10
in. 7.08 5.9 3.9 1.97

Typical Depth of Field in Inches/Centimeters
(Preliminary)

UNITS : mm (inch)