

Portable Data Terminals

Z-2030 / Z-2031

Portable CCD / Laser Data Terminal



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 3,600 pixels CCD / laser scanner for quick, accurate scans
- **Internal memory**
 - 1MB/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/Z-2031 handheld terminal is perfect for a wide variety of indoor applications. Sized similar to a modern cellular phone, the Z-2030/Z-2031 enables convenient one-handed operation with an intuitive, user-friendly interface. The Z-2030/Z-2031 features a user-friendly design, allowing the user quickly to program and to operate the unit. With its included user-friendly Windows-based task generator, customized applications are easily built.

The Z-2030/Z-2031 delivers powerful scanning performance. The advanced 3,600 pixels CCD / high-speed laser scan engine ensures the most accurate and fastest scans. Large internal memory, available up to 2 MB 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/Z-2031 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/Z-2031 for an entire 24 hours.

Experience the convenient, fast, and accurate data management with Z-2030/Z-2031.

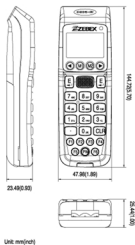
ZEBEX



Specifications

SYSTEM		
CPU	8 bit C-MOS microprocessor	
RAM	512 / 1,024 / 2,048 KB SRAM on board	
ROM	128 KB flash	
LCD Display	FSTN, 96 x 64 dots graphic (8 x 16 characters)	
Back Light	LED back light with auto "OFF" function	
Buzzer	Tone, volume and beep time programmable	
Real Time	Alarm clock with wake-up function	
POWER		
Main Battery	3 ea. AAA alkaline batteries, or 3 ea. ZEBEX AAA 700 mAh NiMH rechargeable battery pack	
Backup Battery	3.0 V, 25 mAh, rechargeable Lithium-Ion battery	
Battery Life	24 hours (8 scans/min.) after full-charged	
Power Manage	(a) Lower power warning for main backup battery; (b) Entering into standby mode automatically after scanning or keying-in	
SCANNER		
	Z-2030	Z-2031
Light Source	Visible LED 635 nm	Visible laser diode 650 nm
Optical System	3,600 pixel CCD	Laser engine
Depth of Field	40 - 200 mm	45 - 600 mm
Width of Field	175 mm @ 200 mm of depth	
Scan Angle	38	46.5°
Scan Rate	83 scans per second	100 scans per second
Minimum Bar Width	5 mil @ PCS 90%	5 mil @ PCS 90%
Print Contrast	30% @ UPC/EAN 100%	30% @ UPC/EAN 100%
INTERFACES		
IrDA	Baud rate: IrDA 2400, 4800, 9600, 19200 with cradle	
RS-232	Programmable up to 115,200 bps	
PHYSICAL		
Length	144.72 mm	
Width	47.98 mm	
Height	25.44 mm	
Weight	146 g (battery included)	
ENVIRONMENTAL		
Operating Temperature	0°C - 50°C (32°F - 122°F)	
Storage Temperature	-10°C - 60°C (14°F - 140°F)	
Humidity	5% - 95% RH (non-condensing)	
REGULATORY		
EMC	CE & FCC DOC compliance	
SOFTWARE & DEVELOPMENT		
(a) Built-in Free Task; (b) Support the Task Gen Software; (c) Hardware Library for Customized Application		

Dimensions



Unit: mm(inch)

* Product availability & specifications depend on territory market strategy; all are subjects to change without prior notice.

** ZEBEX is the trademark of ZEBEX INDUSTRIES INC.; all rights reserved.