

# PDL-20 series

## Laser Integrated Portable Data Terminal

### INTRODUCTION

The laser integrated super portable data terminal PDL-20 is the new generation of portable data terminals for fast and accurate data management. The size of a modern cellular phone, this portable data terminal has all the options and capabilities you might expect from a data terminal.

Its user-friendly design helps the user learn to program and operate the PDL-20 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.

The PDL-20 portable data terminal offers unique data management capabilities making it an effective high performance portable data management tool.



• Optional Accessories

• Cradle

• Clip

### FEATURES

- Easy-to-use pocket-sized handheld terminal
- Up to 2MB SRAM on board
- Stand-alone rechargeable lithium-Ion battery for back up
- Clock calendar for time record and alarm
- STN 96 x 49 dot graphic LCD with EL backlight
- RS-232 or IrDA on ZEBEX protocol
- External modem communication support
- Use C-compiler to develop customer applications
- 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
- Support hardware library for customized firmware.

• Actual Size

# PDL-20 LASER INTEGRATED PORTABLE DATA TERMINAL

## SPECIFICATIONS

### CPU/MEMORY

<b>CPU</b>	8 bit C-MOS microprocessor
<b>RAM</b>	512KB/1024KB/2048 KB SRAM on board
<b>ROM</b>	128KB
<b>Keyboard</b>	26 fine rubber touch buttons
<b>Buzzer</b>	Volume programmable Programmable tone and beep time
<b>Real Time Clock</b>	Alarm clock with wake-up function
<b>LCD Display</b>	FSTN, 96 x 49 dot Graphic
<b>Back Light</b>	EL back light with auto "off" function

### POWER SUPPLY

<b>Main Battery</b>	3.6V, 600mAh, rechargeable Lithium-Ion
<b>Backup</b>	3.0V, 25mAh, rechargeable Lithium Battery
<b>Battery Life</b>	24 Hrs (6 scans/min) after full charge
<b>Power Management</b>	1. Low power warning for main/ backup battery 2. Entering into standby mode automatically after scanning or key in

### INTEGRATED OPTICS

<b>Light Source</b>	650 nm Visible Laser Diode
<b>Scan Angle</b>	53°
<b>Depth of Field</b>	0~75cm
<b>Scan Pattern</b>	Single Scan Line
<b>Scan Rate</b>	39 scans/sec
<b>PCS Value</b>	30% or more

### DECODING CAPABILITY

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

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

### PHYSICAL AND ENVIRONMENTAL

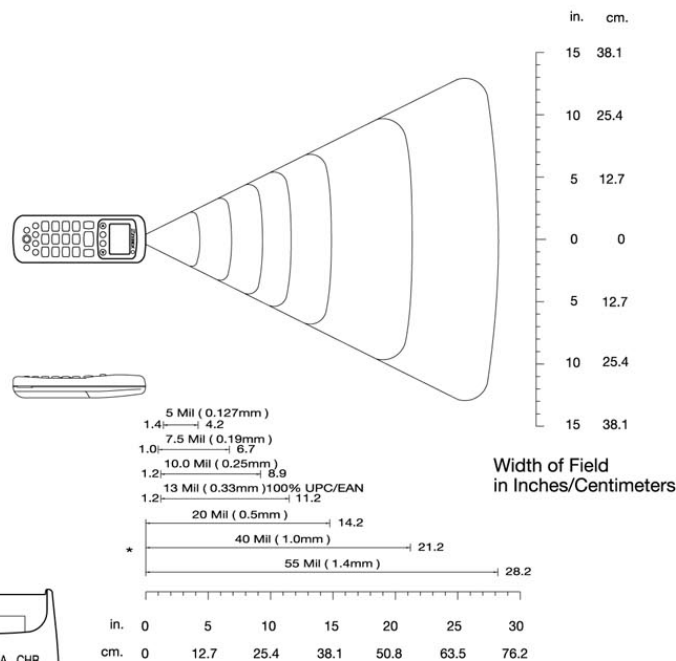
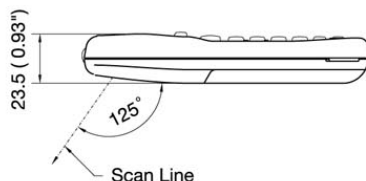
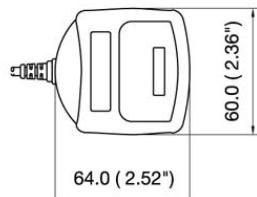
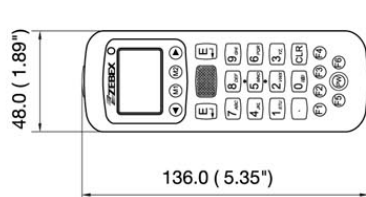
<b>Dimensions</b>	See the drawing
<b>Weight</b>	115g (4oz)
<b>Operating Temp.</b>	0°C ~ 40°C (32°F ~ 104°F)
<b>Storage Temp.</b>	-10°C ~ 60°C (14°F ~ 140°F)
<b>Humidity</b>	5 ~ 95% RH (non-condensing)

### SOFTWARE & DEVELOPMENT

<b>Software &amp; Development</b>	1. Built-in Free Task 2. Still support the Task Gen Software in the old version 3. Provide user friendly Easy Task software to reduce learning time. 4. C-compiler and hardware library for customized application
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UNITS : mm (inch)



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