

# Z-1070BT Series

## Pocket-Sized Data Collector



product  
design  
award

2007



◀ 90% of actual size

- Bluetooth wireless communication
- Ultra small, ultra portable form factor
- Built-in 64-character LCD
- Superior scanning performance by CCD or laser
- Stores up to 2,000 barcodes
- Flexible connectivity
- Extended battery life
- Automatic time-stamp functionality
- PC-based task generator for customize applications

The Z-1070BT Series evolves 100% mobility with Bluetooth® wireless communication (1.2 spec.) for remote two-way data transmission in its slim and graceful body with long-life battery performance using Ni-NH rechargeable batteries.

Choosing from CCD or laser scan engine for quick and accurate scans, the Z-1070BT Series has 64-character LCD that offers 4-line readout information at a glance, and its 64KB non-volatile memory stores up to 2,000 barcodes.

Put the Z-1070BT Series inside your pocket or purse, and easily use it at home, in stores, or anywhere.

MODELS	Z-1071BT	Z-1070BT Plus
<b>Description</b>	Laser	Linear imager
<b>SYSTEM</b>		
<b>CPU</b>	8-bit C-MOS microprocessor	
<b>Optical System</b>	Laser engine	2,500 pixels CCD
<b>RAM</b>	64KB non-volatile memory	
<b>F-ROM</b>	128KB	
<b>Display (LCD)</b>	FSTN, 96×32 dots graphic LCD (4×16 characters)	
<b>Keypads</b>	"SCAN", up, down & "FN" keys	
<b>Indicators (LED)</b>	Two-color LED (green & red)	
<b>Beeper Operation</b>	Programmable tone & beep time	
<b>Interfaces</b>	TTL serial interface, Bluetooth® Class 1	
<b>POWER</b>		
<b>Main Battery</b>	3 ea. 1.5V AAA alkaline batteries, or 3 ea. Ni-NH 900 mAH rechargeable batteries	
<b>Battery Life</b>	50 hours at 6 scans per minute	
<b>SCANNER</b>		
<b>Engine Type</b>	1D laser scanner	1D linear imager scanner
<b>Light Source</b>	650 nm visible laser diode	617 nm visible LED
<b>Scan Rate</b>	100 scans per second	
<b>Print Contrast</b>	30% @ UPC/EAN 100%	
<b>Depth of Field</b>	45 – 600 mm	50 – 200 mm
<b>PHYSICAL</b>		
<b>Dimensions</b>	(L)110.7 × (W)44.4 × (H)25.2 mm	
<b>Weight</b>	Approx. 93 g (batteries included)	
<b>ENVIRONMENTAL</b>		
<b>Operating Temperature</b>	0°C – 50°C (32°F – 122°F)	
<b>Storage Temperature</b>	-10°C – 60°C (14°F – 140°F)	
<b>Operating Humidity</b>	10% – 70% RH (non-condensing)	
<b>Storage Humidity</b>	5% – 70% RH (non-condensing)	
<b>Drop Durability</b>	Designed to withstand 1m drops	
<b>REGULATORY</b>		
<b>EMC</b>	CE & FCC Part 15B, 15C	
<b>SOFTWARE &amp; DEVELOPMENT</b>		
	(a) Built-in free task; (b) Support the TaskGen software	
	(c) Application generator and SDK support	

