



Z-1170 Series

Pocket-Sized Data Collector

Easy and simple form factor, the Z-1170 Series is now equipped with advanced features: Z-1170 has 32-bit CPU and greater scan engine for guaranteed scanning performance, real-time clock, status LED and wired / Bluetooth wireless communication for your application. Z-1170BTv2 functions as iPad/iPhone Bluetooth barcode scanner via HID profile and traditional data collector, transferring the barcode data to host device in real-time. It also offers an extremely long operation range of up to 100 meters.

- 32-bit microprocessor
- Honored by **iF Product Design Award 2007**
- Compatible with iOS devices such as iPad/iPhone
- Up to 2,000 barcodes storage capability



1. Portability and mobility
2. iOS compatible



SYSTEM

CPU	32-bit C-MOS microprocessor
EEPROM	64KB non-volatile memory
Display	FSTN, 96 × 32 dots (4 × 16 characters) graphic LCD
Keypad & Button	4 buttons: SCAN, Up, Down, FN (Function)
Indicator	Two-color LED (green & red)
Beeper Operation	Programmable tone & beep time
Interface	TTL serial interface

COMMUNICATION

Wireless (Optional)	BT Class 1 compliance, SPP/HID profile
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POWER

Main Battery	3 ea. 1.5V AAA alkaline batteries, or 3 ea. Ni-MH 1,000 mAh rechargeable batteries
Battery Life	100 hours at 12 scans per minute (depending on conditions)

INPUT DEVICE

Light Source	617 nm visible LED
Optical System	Linear CCD array
Scan Rate	330 scans per second
Print Contrast	30% @ UPC/EAN 100%
Depth of Field	20 – 300 mm

PHYSICAL

Dimension	110.7 × 44.5 × 25.1 mm
Weight	Approx. 93 g (batteries 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)
Light Level	Max. 100,000 Lux (any light condition)

REGULATORY

EMC	CE & FCC Part 15B, 15C
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SOFTWARE & DEVELOPMENT	(a) Support the WinTaskGen software (application generator); (b) SDK to support GNU C (Freeware) Compiler
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