DATA COLLECTORS

Z-1170
Pocket-Sized Data Collector

Easy and simple form factor, the Z-1170 is now equipped with advanced features – 32-bit CPU and greater scan engine for guaranteed scanning performance, real-time clock, status LED and wired/wireless communication for your application.
• Automatic time-stamp functionality
• Ultra small, ultra portable form factor
• PC-based task Generator for customized applications

iF product design award

2007

SYSTEM	
CPU	32-bit C-MOS microprocessor
EEPROM	64KB non-volatile memory
Display	FSTN, 96 × 32 dots graphic LCD (4 × 16 characters)
Keypads & Buttons	"SCAN", up, down and "FN" keys
Indicators (LED)	Two-color LED (green & red)
Beeper Operation	Programmable tone & beep time
Interface	TTL serial interface
COMMUNICATION	
Wireless	BT Class 1 compliance, SPP profile
POWER	
Main Battery	3 ea. 1.5V AAA alkaline batteries, or 3 ea. Ni-NH 900 mAH rechargeable batteries
Battery Life	50 hours at 6 scans per minute
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	300 mm
PHYSICAL	
Dimensions	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)
Operating Humidity	10% – 70% RH (non-condensing)
Storage Humidity	5% – 70% RH (non-condensing)
Light Levels	Max. 100,000 Lux (any light condition)
REGULATORY	
EMC	CE & FCC Part 15B, 15C
SOFTWARE & DEVELOPMENT	(a) Support the TaskGen software (application generator) (b) SDK to support IAR / GNU C (Freeware) Compiler

CCD/C-MOS | SCAN RATE 330 | RTC | GENERATOR | SDK