

DATA COLLECTORS

* Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.
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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
- Up to 2,000 barcodes storage capability

| | |
|-----------------------------------|--|
| 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 | 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 | 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 |



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