

Z-1070 Series

Pocket-Sized Data Collector



product
design
award

2007



◀ 90% of actual size

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

When working with portability, such as at table menu ordering in restaurants, entrance administration in exhibitions/events, market research in fields, patient checking in hospitals, and more other productive data collection works, therefore a trusted, easy-to-operate and light-weighted device is demanded.

The Z-1070 Series pocket-sized personal data collector is advanced version of the Z-1060 with a longer battery life and a handier handheld dimension, but has superior scan performance than before. Powered by 3 rechargeable NiMH batteries, the Z-1070 Series can work efficiently for as long as 50 hours that meet the requirements of operation time in most of applications.

| MODELS | Z-1071 | Z-1070Plus |
|-----------------------------------|--|--------------------------|
| Description | Laser | Linear imager |
| SYSTEM | | |
| CPU | 8-bit C-MOS microprocessor | |
| Optical System | Laser engine | 2,500 pixels CCD |
| RAM | 64KB non-volatile memory | |
| F-ROM | 128KB | |
| Display (LCD) | FSTN, 96x32 dots graphic LCD (4x16 characters) | |
| Keypads | "SCAN", up, down & "FN" keys | |
| Indicators (LED) | Two-color LED (green & red) | |
| Beeper Operation | Programmable tone & beep time | |
| Interfaces | TTL serial interface | |
| 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 | |
| SCANNER | | |
| Engine Type | 1D laser scanner | 1D linear imager scanner |
| Light Source | 650 nm visible laser diode | 617 nm visible LED |
| Scan Rate | 100 scans per second | |
| Print Contrast | 30% @ UPC/EAN 100% | |
| Depth of Field | 45 – 600 mm | 50 – 200 mm |
| PHYSICAL | | |
| Dimensions | (L)110.7 × (W)44.4 × (H)25.2 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) | |
| Drop Durability | Designed to withstand 1m drops | |
| REGULATORY | | |
| EMC | CE & FCC Part 15B, 15C | |
| SOFTWARE & DEVELOPMENT | | |
| | (a) Built-in free task; (b) Support the TaskGen software | |
| | (c) Application generator and SDK support | |



Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice. ZEBEX is the trademark of ZEBEX INDUSTRIES INC., all rights reserved.

ZEBEX
www.zebex.com