**CCD-800-R-B-K**
**BayLan Barcode Hand Held Scanner RS232 Interface**

**FEATURES:**

- **Enhanced CCD:**

  BayLan CCD Scanner with the rapid development of computer & communication technology, as a CCD Scanner expertise, User can easily define all the setup parameters in PC and download it to the reader.

- **Notebooks PnP design:**

  Most of the CCD reader when connected to a Notebook Pc, an additional keyboard terminator is needed. Which not only increase the cost but also bring inconvenience to the user The CCD-800 plug and play design can be use directly with to a notebook without any additional device. There is an optional model for IBM ThinkPad Notebook.

- **Low power consumption model:**

  CD-800 also improves the power consumption of the unit. Besides, PC application, it can be use with Notebook and PDA for mobile application. With build in decoder, the normal operational current is 120mA.

## SPECIFICATIONS

| | |
|---|---|
| **Optical** | |
| Width of Windows | 82mm (max). |
| Depth of Field | 0~15mm (for normal series)<br>0~75mm (for long-range series) |
| Scan rate | 33 Scan/sec to 100 Scan/sec |
| Light Source | RED LED Array 660nm. |
| Ambient Light | 1500 lux |
| Reading indicator | LED |
| Print Contrast ratio | 45% Min |
| Decoder | Proprietary |
| **Electrical** | |
| Interface | R232 Wand Emulation |
| Power source | +5V DC, ±5% |
| Power consumption | 60mA(for low-power series)<br>120mA(for normal series) |
| Standby Current | 28mA typical. |
| EMI emission | FCC Class A, CE. |
| Connectivity | DB9, DB25, AMP, RJ-45,<br>RJ-11, DIN5, DIN6, PS/2 |
| **Environment** | |
| Operating Temperature | 0°C to 50°C |
| Storage Temperature | -10°C to 60°C |
| Relative Humidity | 5% to 95% non condensing |
| **Physical** | |
| Body material | ABS |
| Weight | 130g without cable. |
| Processor | Intel 8031 |
| Shock resistance | 1M drop onto concrete. |
| Photo sensor | 2048 PIXEL CCD |
| Cable | 2.0 Meter, Straight |
| Dimension | 170mm x 70mm x 64mm |
| **Reading Performance** | |
| Readable barcodes | Code 39, Full ASCII code 39.<br>UPC/EAN/JAN, CODABAR,<br>Interleaved 2/5, code 128, code 11,<br>Code 93, MSI/PLESSEY, code 4 |
| Resolution | 0.1mm (4mil) Max. |