

# BM-1800

## Middle-Range Handheld CCD Scanner



▲ Optional adjustable stand



▲ 40% of actual size

- Streamline, slim and ergonomic design
- Superior scanning performance
- Built-in decoder
- LED scan indicator and programmable beeper
- Flexible communication

The BM-1800 handheld barcode scanner is a middle range CCD scanner that designed to give the user an unsurpassed combination of flexibility and power, matching each user's needs to a tee.

It has ergonomic, ultra-slim form factor that reduces user fatigue, and its durable trigger switch design stands up to even the heaviest usage. Its built-in decoder enables the BM-1800 to handle the majority of 1D barcodes in existence. With its LED scan indicator and programmable tones, users can receive instant scan feedback from the BM-1800. It is multi-interface and equipped with field replaceable cable give user the flexibility in operation.

Just plug into your host device and it is ready to work, no hassle, and no operator training required. The BM-1800 offers a compelling dainty scanning solution at a price that is hard to ignore.

### OPERATIONAL

|                   |  |
|-------------------|--|
| Light Source      | 617 nm visible red LED                                   |
| Optical System    | 2,500 pixels CCD   |
| Depth of Field    | 0 – 150 mm (UPC/EAN 100%, PCS=90%)                       |
| Scan Angle        | 42°  |
| Scan Rate         | 125 scans per second                                     |
| Minimum Bar Width | 0.125 mm (5 mil) (0.1 mm actually)<br>(Code 39, PCS=90%) |
| Print Contrast    | Min. 30% @ UPC/EAN 100%                                  |
| Indicators (LED)  | Blue LED   |
| Beeper Operation  | Programmable tone & beep time                            |
| System Interfaces | Keyboard, RS-232C, HID USB, wand                         |

### PHYSICAL

|            |  |
|------------|--|
| Dimensions | (L)152.3 × (W)64.4 × (H)104.9 mm (device only) |
| Weight     | 120 g (device only)                            |
| Cable      | Field replaceable, standard 2m straight        |

### POWER

|                   |                |
|-------------------|----------------|
| Input Voltage     | 5 VDC ±5%      |
| Operating Current | 100 mA typical |

### REGULATORY

|     |                                     |
|-----|-------------------------------------|
| EMC | CE & FCC DOC compliance, VCCI, BSMI |
|-----|-------------------------------------|

### ENVIRONMENTAL

|                       |                                  |
|-----------------------|----------------------------------|
| Operating Temperature | 0°C – 50°C (32°F – 122°F)        |
| Storage Temperature   | -20°C – 60°C (-4°F – 140°F)      |
| Humidity              | 5% – 95% RH (non-condensing)     |
| Light Levels          | Max. 4,500 Lux (fluorescence)    |
| Drop Durability       | Designed to withstand 1.5m drops |

⚠ Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.



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