

# MacSema BestWand I™

## Bar Code Scanner for Portable Data Collection



## FEATURES

- Rugged Metal Case
- Print Reports or Bar Codes from Wand
- Nickel-Metal Hydride Rechargeable Battery
- Programmable
- 128K or 512K Memory
- Transfer Data via Modem- No PC Needed
- Complete Audit Trail of Activities
- Manufactured in the U.S.A.

## OVERVIEW

MacSema's BestWand I is a rugged, dependable, metal cased contact bar code reader that has proven itself in extreme conditions world wide. Perfect for mobile applications, it can travel anywhere and hold up to demanding conditions.

Designed for ease of use – just press the scan key and scan a bar code. The data, along with the current date and time, is automatically stored in the reader until it is downloaded to your computer.

The BestWand I fits comfortably into your hand or pocket. Housed in an aluminum case the BestWand I survives multiple 4 foot drops and is resistant to harsh environments.

MacSema's BestWand I provides years of service with low maintenance, low overhead and low system cost. Cost effective and flexible; different software applications can be loaded. Track mobile workers with one program and inventory with another. Programming is easy with MacSema's Hierarchy™ Application. Developers can utilize MacSema's Developer's Kit to build customized applications.



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### Bar Code Scanner for Portable Data Collection

Models (all are Series 2 readers)	Part #
<b>BestWand I, 128K</b> Series 2	<b>RB1K1</b>
<b>BestWand I, 512K</b> Series 2	<b>RB1K5</b>

<b>Micro Downloader/Recharger</b> Charges & Communicates 1 wand Part # DMD2S	
<b>Single Station Downloader/Recharger</b> Charges & Communicates 1 wand Part # DSS2S	
<b>Multi-Dock, Downloader/Recharger</b> Charge & Communicate w/ up to 256 wands Master Controller      Mini Dock Part # DMMMO                      DMS2S	
<b>S-10 Recharger</b> Charges up to 10 wands Part # DRS10	
<b>Transformer for Downloaders</b> Micro    Single    Multi    S-10 Part # ATUM1    ATUM1    ATUM2    ATUM5	
<b>Serial Cable for Downloaders</b> Micro    Single    Multi Part # C1B02    C1B00    C1B01	

## TECHNICAL SPECIFICATIONS

### PHYSICAL CHARACTERISTICS

<b>Dimensions</b>	4.1(L) x 2.4(W) x 0.9(H) inches (104 mm x 61 mm x 22.8 mm)
<b>Weight</b>	7.5 ounces (210 grams), including battery
<b>Operating Temperature</b>	32° to 140° F (0° to 60° C)
<b>Storage Temperature</b>	-4° to 158° F (-20° to 70° C)
<b>Humidity</b>	5-95% non-condensing
<b>Shock</b>	Multiple 4' drops to tile-covered concrete
<b>Case Material &amp; Color</b>	Machined aircraft-grade aluminum, powder coated black finish
<b>Read Head</b>	Sapphire Scan Tip (user replaceable)
<b>Power</b>	Rechargeable 4.8V, 250mAH NiMH battery pack included; low-battery detector; automatic sleep mode to conserve power. Provides up to three weeks of charge, depending on use
<b>Recharging</b>	10-12 hours to fully charge a completely drained battery
<b>LED</b>	Superbright LED
<b>Audio</b>	Beeper with variable pitch and duration with user definable settings

### PERFORMANCE CHARACTERISTICS

<b>Symbologies</b>	All symbologies supported including Code 39 (3 of 9), Code 128, Interleaved 2 of 5, Industrial I205, EAN and UPC-A and custom
<b>Read Time</b>	3 – 30 inches per second
<b>Scan Capacity</b>	70,000 scans 512K; 15,000 128K based on a 6 digit bar code including date and time stamp
<b>Microprocessor</b>	NEC V25, Intel compatible
<b>Memory</b>	128KB or 512KB
<b>Real Time Clock</b>	Crystal-controlled; 1/100th second accuracy; date and time stamping
<b>DownLoaders/Rechargers</b>	Connect via RS232 to any PC serial port. Download rate @ 9600-38400 baud, 4-50 seconds for full wand
<b>Software</b>	Hierarchy Application, Security Plus System (SPS) and Developer's Kit
<b>Regulatory Approvals</b>	FCC Part 15, Class A; CE (EEC, EN55022 Class B & EN500821)
<b>Warranty</b>	One-year limited warranty against defects in materials or workmanship
<b>Made in U.S.A.</b>	