

# MacSema BC3010 BestWand II



## FEATURES

- **IMPROVED BATTERY PERFORMANCE**

Lithium polymer rechargeable battery

6 times longer storage between charges, 90 + Days

Allows 3X more use on one charge

Charges quickly! 3 hours for full charge

Battery status icon-user knows charge level

Disconnected battery retains 70% capacity after 1 year

- **NEW CONNECTOR replaces stereo jack**

- **1 MB Flash Memory**

Retains data even when battery is unplugged

Secure memory

Much greater data collection capacity

- **4 line graphic display**

Fits in hand or pocket

Rugged metal case

Complete audit trail

## OVERVIEW

MacSema's BC3010 is an upgraded version of the rugged, dependable BestWand II. This metal cased contact bar code reader has proven itself in extreme conditions worldwide. Perfect for mobile applications, it can travel anywhere and hold up to demanding conditions.

Designed for ease of use – just scan a bar code and the data is loaded into the wand. Using the keypad and display, data can be scrolled and viewed, the user can be prompted, data can be entered or edited. Programmable keys and customizable key icons offer the flexibility to expand your application to meet changing requirements. All transactions are time and date stamped. The data is always maintained in the wand for transfer to a PC.

The BC3010 fits comfortably into your hand or pocket. Housed in an aluminum case it survives multiple 4 foot drops and is resistant to harsh environments.

MacSema's BC3010 will provide years of service with low maintenance, low overhead and low system cost. Cost effective and flexible; multiple applications can be used. Track mobile workers with one program and inventory with another. Developers can utilize MacSema's Developer's Kit or Hierarchy Application to build customized applications. MacSema also provides custom software applications.



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# BC3010

# Charging & Communication System



## Bar Code Scanner for Portable Data Collection

### Models

### Part#

BC3010 512 RAM, 1MB Flash with Graphic Display	RB23K5
BC3010 512 RAM, 1MB Flash with Graphic, Backlit Display	RB23K5B

Single Station Downloader/Recharger  
Charges & Communicates 1 wand

USB or Serial, P/N DSS32SC  
Serial only, P/N DSS32S



Transformer for Downloaders  
Single  
Part # ATUM4

Worldwide Version P/N ATUM6  
(Needs Power Cord P/N ATUPC)



USB Cable for DownLoader  
(USB 2.0 A/B)  
P/N C1B03



Serial Cable for Downloaders

Part # C1B02



## 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>Display</b>	4 Line x 16 character graphic LCD • Backlit display available • Drop down menu & scrolling capability
<b>Keypad</b>	12 fully programmable, alpha-numeric, tactile-touch keys. Removable keycaps allow customization of key cap icons
<b>Case Material &amp; Color</b>	Machined aircraft-grade aluminum, powder coated black finish
<b>Optics</b>	Sapphire Scan Tip (user replaceable)
<b>Power</b>	Rechargeable 3.7, 780mAH Lithium Polymer battery pack included; battery status icon; automatic sleep mode to conserve power
<b>Recharging</b>	3 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>	Symbologies supported include 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; based on a 6 digit bar code including date and time stamp
<b>Memory</b>	512K/1MB SRAM, 1MB Data Flash
<b>CPU</b>	ARM7 @ 20.5 MHz
<b>Real Time Clock</b>	Crystal-controlled; 1/100th second accuracy; date and time stamping
<b>Interface</b>	USB or Serial RS232
<b>Downloader</b>	Single-Station P/N DSS32SC or DSS32S
<b>Software</b>	Hierarchy Application, and Developer's Kit using GNU C
<b>Warranty</b>	One-year limited warranty against defects in materials or workmanship
<b>Made in U.S.A.</b>	