

MacSema BI 3510

CCD Imager



FEATURES

- Reads Data Matrix, 1D & 2D Barcodes
- 8 MB Flash Memory and 8 Line Graphic Display
- Full Alpha-Numeric Keypad & Function Keys
- Optional Backlit Key Pad
- Compact Rugged Metal Case Fits in Palm
- Lithium Polymer Rechargeable Battery

OVERVIEW

MacSema's **BI 3510** is a palm sized, portable 1D and 2D bar code scanner with a full alpha-numeric key pad for data entry and an 8 line graphic display. Data input can be from scroll lists, keypad entry and bar codes.

The BI 3510 is easy to use; scan a bar code and the data is displayed. All transactions are time stamped and a copy of each transaction's data is stored securely in FLASH memory for later transfer to a PC. 8 MB flash offers extended data collection capacity and retains the data even when the battery is changed.

Designed for rugged environments, the BI3510 is housed in a machined aluminum case which resists dust and moisture and will survive a 4-foot drop. Perfect for maintenance, inspection, asset tracking and configuration management. An optional backlit key pad allows the BI3510 to be used in the dark.

BI3510 can be programmed with MacSema's Software Developer's Kit. In addition, MacSema offers custom software application development.



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P/N RBD3K5

Single-Station Downloader/Charger
Charges & Communicates
Part # DSS3BL



Serial Cable Part # C1B02

Transformer Part # ATUM6



TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Dimensions	3.43" wide x 7.18" long x 1.95" thick (87.1mm x 182.40mm x 49.6mm)
Weight	17.0 ounces
Operating Temperature	32° to 40° F (0° to 60° C)
Storage Temperature	-4° to 158° F (-20° to 70° C)
Humidity	5-95% non condensing
Display	128x64 Graphic LCD w/ optional backlighting
Keyboard	21 programmable keys w/ Backlit key pad optional
Case Material & Color	Machined aircraft-grade aluminum. Black powder coated finish
Power	Rechargeable 3.7, 780mA Lithium Polymer battery pack; battery status icon; automatic sleep mode to conserve power
Recharging	3 hours to fully charge a completely drained battery
LED	Superbright LED
Audio	Beeper with variable pitch, loudness and duration with user definable settings

PERFORMANCE CHARACTERISTICS

Memory Size	512K/1MB SRAM, 8MB Data Flash
CPU	ARM7 @ 20.5 MHz
Clock	Crystal controlled, real-time clock reports accuracy to 1/100 second.
Interfaces	Serial port, RS232 standard compatible via downloader at 9600, 19200, 38400, 57600, 115200
Bar Code Scanner	CCD Imager. Reads Data Matrix, 1D & 2D Bar Codes
Scan Distance	2.1 to 13 inches
DownLoaders/Rechargers	Single-Station Downloader P/N (DSS3BL)
Software	Development Kit P/N SMR3DV
Warranty	One-year limited warranty against defects in materials or workmanship. 30 day money back guarantee
Made in U.S.A.	