

# Socket Secure Digital Scan Card™ Series 3



## World's Smallest Bar Code Scanner, Designed for Palm and Pocket PC 2003

### Turn Your Palm PDA or Pocket PC 2003 into a High Performance Mobile Bar Code Scanner

If you're a mobile professional using a Palm PDA or Pocket PC 2003 with an SDIO slot for an application requiring extensive data entry, Socket's Secure Digital Scan Card (SDSC) 3E may provide an incredible increase in productivity.

Using manual or virtual keyboards is the slowest, most error-prone method of entering data into mobile computers. If the data to be entered is bar coded, using a bar code scanner is **50 times faster and 10,000 times more accurate than manual data entry.**

Socket's SDSC 3E brings a new level of affordability and convenience to mobile data collection by combining Socket's Battery Friendly™ SDIO technology with the world's smallest bar code scanner. Just plug the card into your PDA, launch the included SocketScan™ software, and read bar code data into any Windows or Palm application as if it had been typed on a keyboard.

### Mobility Friendly® Design

Socket designed the SDSC 3E to be Mobility Friendly — to use minimal power. Drawing only 8.0 mA (26.4 mW) in idle mode, the SDSC 3E lets you operate for hours without having to replace or recharge your PDA's batteries. Plus, the included SocketScan™ software transfers scanned data directly into any Windows or Palm application as virtual keystrokes — no custom programming needed!



SDSC 3E and Palm  
Tungsten

## FEATURES

- Integrated card and scanner plugs into the SDIO Card slot of the following devices:
  - Palm PDA running Palm OS 4.1 or greater
  - Pocket PC 2003/2003SE with SDIO Now! software from bsQUARE\*
- One-handed operation with PDA improves efficiency
- Uses state-of-the-art linear CMOS image technology. This is the smallest bar code scan engine available today
- Automatically decodes the most popular bar code symbologies including UPC, EAN, Code 39, Code 128, Interleaved 2 of 5, Code 93 and more
- LED light source poses no safety or health hazards
- SocketScan keyboard emulation software allows the user to add Prefix and/or Suffix functions, such as Carriage Return and Tab, to further eliminate manual keystrokes
- SocketScan enables you to assign a beep tone or .WAV file to signify a successful scan
- No extra batteries or special power adapter required — the SDIO card gets power from the mobile computer
- SDK for Palm OS or Windows Mobile available to application developers
- Socket Floating Trigger for Windows Mobile puts an icon on your Pocket PC screen that you can tap to trigger the scanner

\*Note: SDIO slot of Pocket PC must support I/O (Input/Output)

# Socket SD Scan Card 3E

SDIO Card with Integrated  
Bar Code Scanner for  
Palm and Pocket PC 2003



**SD Scan Card 3E**  
Product# IS5300-464



**SD Scan Card and  
HP iPAQ h1930 Pocket PC**



## SPECIFICATIONS

### Physical Characteristics:

**SDIO Card:** 32 x 24 x 2 mm  
**Laser Scanner:** 27.1 x 29.6 x 14.8 mm  
**Total Mass:** 9.0 g

### Power Consumption (with 3.3V):

**Idle:** 8 mA (26.4 mW)  
**Scanning:** 56 mA

### Operating System Support:

- Windows Mobile 2003/2003SE with SDIO Now! software from bSQUARE
- Palm OS v4.1 or greater

### Interface Standards: SDIO

### Certification:

**FCC:** Part 15, Class B  
**CE:** EN55024:1998 **C-TICK** s.182

### Bar Code Symbolologies Decoded:

UPC/EAN, Code 128, Code 39, I 2of5, D2of5, Code 93, Codabar, MSI/Plessey, Code 11 and Web Code

### Scanner Performance:

**Decode Distances:** 1.5 to 24+ inches depends on symbol size, symbology, label media, W-N Ratio, scan angle

### Included Software:

- Installation utility
- SocketScan™ with keyboard emulation for Palm and Windows Mobile
- Socket Floating Trigger (only for Windows Mobile)

### SocketScan™ Software:

- Reads bar code data into any Windows or Palm OS application as if it were manually typed
- Lets you add Prefixes and/or Suffixes (e.g., Carriage Return or Tab) to further eliminate manual keystrokes
- Lets you assign a beep tone or .WAV file to signal a good scan
- Lets you easily enable/disable any of the supported symbologies
- Scan Demo reports symbology, length and decoded data (in ASCII or Hex) of any scanned bar code (among 10 supported symbologies)

**SocketScan SDK** for Palm OS or Windows available for developers



### Manicon Technology Limited

Unit 12, 8/F, New City Centre, Kwun Tong, Kowloon, Hong Kong  
Tel: 2836-3162 Fax: 2836-3093  
E-Mail: sales@manicon.com  
Web Page: <http://www.manicon.com>

### SD Scan Card Series 3 Decode Zone

Note: Typical performance at 73.4° F (23° C) on high quality symbols.

