

# Socket In-Hand Scan™ Card-Imager

Add Linear, 2D/Matrix and Postal Bar Code Scanning, Image Capture, and OCR to a Pocket PC 2000/2002/2003, HPC 2000, Pen Tablet or Notebook

Socket's In-Hand Scan Card-Imager brings a new level of convenience, portability and ultra-high performance to mobile data collection by combining Socket's Mobility Friendly™ CompactFlash technology with a miniature CMOS image capture engine from HHP (formerly Hand Held Products).



Just plug the card into your Windows-based mobile computer, launch SocketScan™ software, and read bar code data into any Windows program. It's 50 times faster and 10,000 times more accurate than manual data entry. You can also use the card to capture grayscale VGA images.

The ISC-Imager integrates all of today's auto-ID data capture needs into a single device. The engine features omni-directional and auto-discrimination decoding for all popular linear, stacked linear, 2D/Matrix and postal symbologies. Additionally, the card supports OCR A and B, digital signature capture, and full VGA image capture in 256 level grayscale.

Pocket PC and pen tablet users will benefit from the exciting new possibilities for bar code and image capture applications. The card features bar code optimized imaging technology, developed by HHP over more than 20 years. The aiming line is bright and intuitive. Plus, the ISC-Imager offers omni-directional scanning, even on linear codes. This greatly simplifies operator training and increases productivity.

The SocketScan SDK (sold separately) includes a simple set of libraries for incorporating scanning into your C, C++ or VB applications and configuring the device quickly and effectively.



## FEATURES

- Type I CF card with image capture engine works in CompactFlash I/O slot of a Pocket PC 2000/2002/2003, HPC 2000 or pen tablet running Windows CE v3.0 or greater
- With adapter (SKU# AC4000-978), works in PC Card (PCMCIA) slot of a Pocket PC 2000/2002/2003, HPC 2000, pen tablet or a notebook computer running Windows 98SE/Me/2000/XP
- SocketScan keyboard emulation software works with Windows CE (v3.0 or greater) & Windows 98SE/Me/2000/XP
- Two decode configurations:
  - Basic includes all linear and PDF417 symbologies plus VGA image capture
  - Full adds 8 Matrix symbologies, postal codes and OCR A and B
- **SocketScan SDK** available to application developers. This tool kit is usually needed to manage serial data from 2D bar codes
- Autodiscriminates all popular linear, stacked linear, 2D/Matrix and postal symbologies, including MaxiCode, Data Matrix, QR Code, PDF417, and Aztec
- Any of the supported symbologies can be easily enabled/disabled with SocketScan's "Symbology Selector"
- SocketScan "Scan Demo" reports symbology, length and decoded data (in ASCII or Hex) of any scanned bar code (of any supported symbology)
- Full omni-directional scanning, made possible by CMOS-based video technology and image processing
- Two year warranty
- No extra batteries or special power adapter required — the card gets power from the mobile computer
- Works with Windows-based development tools so you can easily create custom applications

# Socket In-Hand Scan™ Card-Imager

## SPECIFICATIONS

Type I CompactFlash Card with Integrated Imager for Windows CE, 98SE, Me, 2000 and XP



Use the In-Hand Scan Card-Imager to take pictures or scan bar codes, such as for medical applications

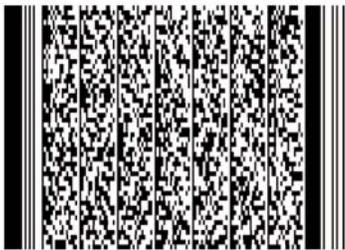
### In-Hand Scan Card-Imager

Basic Decode

SKU# IS5200-394

Full Decode

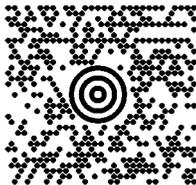
SKU# IS5202-413



PDF417 Bar Code



Data Matrix  
Bar Code



Maxicode  
Bar Code



### Corporate Headquarters:

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### Physical Characteristics:

**Overall Size:** 83.08 x 51 x 23 mm

#### CompactFlash Card Portion:

42.4 x 42.8 x 3.3 mm (Conforms to CF Type I Extended Spec. 36.4 mm + 6 mm)

**Scan Head Portion:** 40.65 x 51 x 23 mm

**Total Weight:** approx. 1.8 oz (51.5 g)

### Power Consumption (3.3 V):

**Idle:** 20 mA (66 mW)

**Scanning:** 340 mA (1122 mW)

### Bar Code Symbologies and OCR Supported:

#### Basic Decode Configuration:

- Code 39, Code 128, UPC & EAN/JAN, I 2 of 5, Matrix 2 of 5, Code 93, Code 49, Code 11, MSI/Plessey, IATA, Codabar, PDF417, MicroPDF 417 and RSS (linear and composite)

#### Full Decode Configuration:

Support for all codes listed above plus:

- **Matrix codes:** Aztec Mesa, Maxicode, Data Matrix, QR Code, VeriCode, Codablock, Composite
- **Postal Codes:** Postnet (US), Canadian, Japanese, British, Australian, Dutch
- **OCR:** OCR-A, OCR-B, US Currency

### Image Output (Basic and Full):

**Size:** 640 x 480 pixels (VGA) at maximum resolution

**Color:** 256 level grayscale

### Operating System Support:

Windows CE v3.0 for Pocket PC 2000/2002/2003; HPC 2000

Windows 98SE/Me/2000/XP (Q3 '03)  
(Windows 95 and NT not supported)

### Imager Performance:

**Rotational Sensitivity:** 360°

**Viewing Angle:** ±45°

**Ambient Light:** Total darkness to 100,000 lux (full sunlight)

**Warranty:** Two years

### Certification/Compliance:

**FCC:** Part 15, Class B (pending)

**CE:** EN55024:1998, C-TICK s.182 (pending)

CompactFlash Spec. 2.0

### Temperature:

**Operating:** -10 to +50°C (14 to 122°F)

**Storage:** -40 to +70°C (-6 to 158°F)

### Humidity:

5% to 95% RH

non-condensing at +32° C (90° F)

### Interface Standards:

- CompactFlash (CF) Type I
- PC Card (with CF-to-PC Card adapter, sold separately: SKU # AC4000-978)

### SocketScan™ Software:

- Reads bar code data into any Windows program as if manually typed
- Add Prefixes and/or Suffixes (e.g. Carriage Return or Tab) to further eliminate manual keystrokes
- Assign beep tone or .WAV file to signify a good scan
- Lets you easily enable/disable any supported symbologies
- Scan Demo reports symbology, length, and decoded data (in ASCII or Hex) of any scanned bar code (among supported symbologies)
- **SocketScan SDK** for application developers. This tool kit usually needed to manage serial data from 2D bar codes

### Additional Product Information:

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