

SAveHD FlashCard 2D 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

ADES SAveHD FlashCard 2D 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).

The SAveHD 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, matrix (2-D) and postal symbologies.



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 capture grayscale VGA images.

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 SAveHD offers omnidirectional 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 .NET applications and configuring the device quickly and effectively.



FEATURES

- Type I CF card with image capture engine works directly in Type I or II CompactFlash slot. With CF-to-PC Card adapter, works in PC Card slot
- Compatible devices include: - Pocket PC 2000/2002/2003/2003SE - HPC 2000 or pen tablet running Windows CE v3.0 or later - Notebook or pen tablet running Windows 98SE, Me, 2000, XP or XP Tablet
- SocketScan keyboard emulation software works with Windows Mobile and Windows 98SE/Me/2000/XP/ XP Tablet
- SAveHD Version (high density) Optimized to read high density or small font bar codes from mobile phone displays
- **SDK** available to application developers. This tool kit is usually needed to manage serial data from 2D bar codes
- Reads all popular linear, stacked linear, 2D/Matrix and postal symbologies, including MaxiCode, Data Matrix, QR Code, PDF417, and Aztec
- 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 image processing technology
- 1 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

SaveHD FlashCard Imager

Type I CF Card with Integrated Imager for Windows Mobile, 98SE, Me, 2000, XP, and XP Tablet



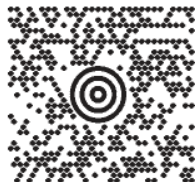
Use the SAveHD to take pictures or scan bar codes, such as for medical applications



PDF417 Bar Code



Data Matrix Bar Code



SPECIFICATIONS

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 & OCR Supported:

- **Linear (1-D) and Stacked Codes:** 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, and RSS (linear and composite)
- **Matrix Codes (2-D):** Aztec, Aztec Mesa, Maxicode, Data Matrix, QR Code (Model 1 & 2), VeriCode, Codablock, Composite
- **Postal Codes:** Postnet (US), Canada, Japan, UK, Australia, Netherlands - **OCR:** OCR-A, OCR-B, US Currency

High Density Version:

The SAveHD version is optimized to read high density or small font linear and matrix (2-D) bar codes.

Image Output:

Size: 640 x 480 pixels (VGA) at maximum resolution **Color:** 256 level grayscale

Hardware Support:

- Pocket PC 2000/2002/2003/2003SE - HPC 2000 or pen tablet running Windows CE v3.0 or later
 - Notebook or pen tablet running Windows 98SE, Me, 2000, XP, XP Tablet
- (Windows 95 and NT not supported)

Interface Standards:

- CompactFlash (CF) Type I
- PC Card (with CF-to-PC Card adapter)

Imager Performance:

Rotational Sensitivity: 360°
Viewing Angle: ±45°

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

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)

Warranty: 1 year

Certification/Compliance:

FCC: Part 15, Class B (pending)
CE: EN55024:1998 **C-TICK:** s.182 (pending)
CompactFlash Spec. 2.0

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
- Scan Demo reports symbology, length, and decoded data (in ASCII or Hex) of any scanned bar code (among supported symbologies)

SDK - Tool kit for application developers, usually needed to manage serial data from 2D bar codes

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