

## Image Kiosk™ 8560/8570

### Price Checker and Interactive Mini-Kiosk

The Image Kiosk 8560 and 8570 are designed to give customers instant self-access to information they need. Offering a range of functionality including price checking, item information look-up, and loyalty program administration, Image Kiosks give you the ability to assist and communicate with your customers effectively and efficiently – all without requiring them to seek out an employee. In addition, the IK8570's capabilities can be leveraged to provide automated check-in and access control to secure areas.

Designed for ease of use, the Image Kiosk combines omni-directional barcode scanning, an illuminated cone that highlights the scanning area and simple finger-touch navigation, ensuring intuitive operation even for first-time users – a key factor for the success of any self-service solution.

An industry-standard operating system, centralized remote management capabilities, an integrated suite of programming and application development tools, and the option of wireless connectivity simplify integration and maintenance – reducing your total cost of ownership.

Offering the power and performance of larger, more expensive kiosks, the Image Kiosk takes up less space and comes packed with more standard features than other devices in its class, delivering a full suite of kiosk capabilities in a small and extremely user-friendly package.



### Features

- **Compact Design:** Small size reduces the amount of valuable space required for mounting.
- **Easy & Intuitive Barcode Scanning:** Reads barcodes omni-directionally, delivering easy scanning regardless of how an item is presented.
- **Industry-Standard Platform:** Microsoft® Windows® CE 5.0 operating system provides a familiar interface for programmers, streamlining application development and deployment.
- **Powerful Integrated Software Tools:** Comprehensive suite of easy to use software tools and utilities enable simplified device configuration and application development.
- **Easy Peripheral Connectivity for Extended Capability:** USB port functionality enables adding peripherals, allowing you to expand the functionality of your Image Kiosk
- **Built Right for Unattended Use:** Rugged solid-state design and a patented screen protector to guard against display damage provide maximum reliability and up-time – reducing total cost of ownership.
- **Integrated Magnetic Stripe Reader (IK8570 only):** Reads MSR Tracks 1, 2, and 3, enabling applications such as customer loyalty card administration and gift card balance retrieval.
- **Customer-Safe Scanning Technology:** Image scanning technology is completely safe to look into, eliminating the need for “laser warning” labels and erasing any concern over litigation from injury.
- **High-Performance Processor:** Intel® XScale® processor delivers faster performance across all applications, getting customers quick access to the information they need.
- **Versatile Connectivity:** Wireless LAN or Ethernet connectivity enables communication and deployment flexibility.
- **Large Color Display:** Vibrant color LCD is ideal for touchscreen applications and gives impact to the messages you want your customer to notice.

# Image Kiosk 8560/8570 Specifications

## System Architecture

|                                 |  |
|---------------------------------|--|
| <b>Processor:</b>               | Intel XScale PXA255 200 Mhz  |
| <b>Operating Platform:</b>      | Microsoft Windows CE 5.0   |
| <b>Memory:</b>                  | IK8560 Models: 32MB Flash ROM X 64MB SDRAM of on-board memory<br>IK8570 Models: 64MB Flash ROM X 64MB SDRAM of on-board memory   |
| <b>Development Environment:</b> | Image Kiosk .NET SDK for Visual Studio 2005. Setup supports C++, C#.NET, and VB.net development<br>Image Kiosk SDK for eMbedded Visual C++. Setup supports C/C++ development |
| <b>Third Party Software:</b>    | MSM, ITScriptNet®, Connect   |
| <b>Graphics Supported:</b>      | BMP, CGM, DIB, EPS, MF, PCL, PCX, PLS, JPG, and TIF  |



## Data Inputs

|                                |   |
|--------------------------------|---|
| <b>Imager/Scanner:</b>         | 5100 Standard Range (SR) with LED aimer decodes from 2.1 in. to 13.2 in. (5.3cm to 33.5cm) for 30 mil UPC   |
| <b>Symbologies Supported:</b>  | Codabar, Code 3 of 9, Code 11, Code 32 Pharmaceutical (PARAF), Code 93, Code 128, EAN with Add-On and EAN with Extended Coupon Code, EAN-13, Interleaved 2 or 5, Matrix 2 of 5, Plessey, PosiCode, GS1 DataBar, Straight 2 of 5 IATA, Straight 2 of 5 Industrial, Telepen, Trioptic Code, UCC/EAN-128, UPC and UPC-A, Aztec, Code 16K, Composite, Data Matrix, MaxiCode, OCR, PDF417, & QR Code |
| <b>Magnetic Stripe Reader:</b> | Track 1, 2, 3 (IK8570 only)   |

## Data Outputs

|                              |   |
|------------------------------|---|
| <b>Display Window:</b>       | Resistive, transparent, pressure-sensitive touch screen |
| <b>LCD Size:</b>             | 5.7 in. (14.5 cm) 1/4 VGA                               |
| <b>LCD Active Area:</b>      | 4.45 x 3.3 in. (11.3 x 8.4 cm) (Active area)            |
| <b>LCD Resolution:</b>       | 320 x 240 dot, 16 bit color                             |
| <b>Touch Pad Resolution:</b> | 903 x 1238 ppi  |

## Communications

|   |  |
|---|--|
| <b>RS-232:</b>                            | 4800 to 115.2 Kbps   |
| <b>RS-232 Pass-Through:</b>               | Using Aux. Y cable with AC power adapter   |
| <b>PC USB:</b>                            | AC power adapter required  |
| <b>USB Hub Host:</b>                      | 5V DC power pass-through, support for USB 1.1 for up to 10 devices   |
| <b>Ethernet 100Base-TX/<br/>10Base-T:</b> | (IK8560EE, IK8570E, & IK8570EUE models) Cable not supplied   |
| <b>WLAN:</b>                              | (IK8560CE, IK8560CEUE, IK8570E, & IK8570EUE models) IEEE 802.11b, DSSS Authentication Methodologies: Open communication, WEP (40 & 128 bit), WPA (PSK, TTLS PAP), LEAP, PEAP |
| <b>Beeper:</b>                            | Programmable   |

## Physical

|                               |  |
|-------------------------------|--|
| <b>Dimensions:</b>            | 8.7"L x 7.3"W x 3.2"D (22.1 x 18.5 x 8.1 cm) |
| <b>Weight:</b>                | 2 lb. (.9 kg)                                |
| <b>Operating Temperature:</b> | 0° to 40°C (32° to 104°F)                    |
| <b>Storage Temperature:</b>   | 0° to 40°C (32° to 104°F)                    |

## Power Requirements

|                      |  |
|----------------------|--|
| <b>Current Draw:</b> | IK8560EE: 860 mA @ 12VDC<br>IK8560CE & IK8560CEUE: 800 mA @ 12VDC<br>IK8570E & IK8570EUE: 870 mA @ 12VDC |
| <b>Source:</b>       | 120V (NA) or 230V (EU) AC adapter or powered host terminal port  |

## Approvals

|                              |                       |
|------------------------------|-----------------------|
| <b>FCC-CE Radio Country:</b> | US/Canada, R&TTE, NOM |
|------------------------------|-----------------------|



Complies with EMC 89/336/EEC *Microsoft Windows CE is a registered trademark or trademarks of Microsoft Corporation in the United States and/or other countries.*

## Automation and Control Solutions

Honeywell  
Imaging and Mobility  
700 Visions Drive  
PO Box 208  
Skaneateles Falls, NY 13153-0208  
[www.honeywell.com/aidc](http://www.honeywell.com/aidc)

# Honeywell

8560-SS Rev E 3/08  
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# WebScan

## Image Kiosk™ 8560/8570

WebScan is an application that provides quick and seamless integration of scanning functionality into new and existing web-based applications using the Image Kiosk. In addition to hosting a web application, WebScan also controls and performs all of the scanning functionality provided by the Image Kiosk. The direct benefit of this is that the web application is not burdened with additional source code that is typically required when using a proprietary ActiveX control for the decoding logic. This greatly reduces the development effort, complexity and support for the web application.

WebScan facilitates the interaction between the web application and the Image Kiosk scanning functionality through the use of XML-based configuration files. These files contain settings that are used to control scanning, web application interaction, failover/recovery and automatic file updates. These XML-based files can be easily modified using Honeywell's EZConfig Editor, as well as a variety of other standard file editing programs.

Because the interaction between WebScan and the web application is managed via XML configuration files, there is no direct integration between WebScan and the web application. Therefore, the web application is completely isolated from and has no direct dependency on WebScan.

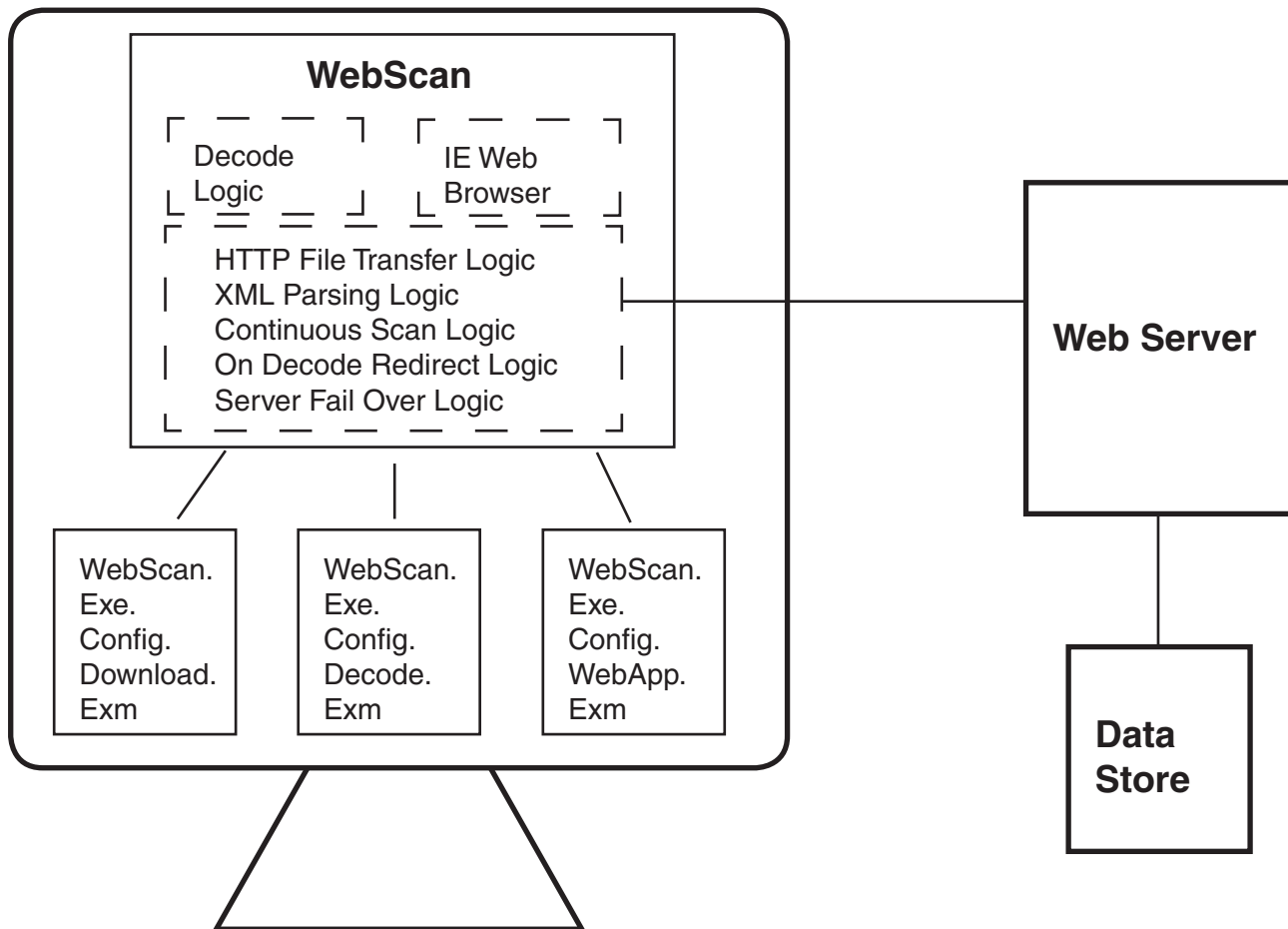


## Features

- **Integrates Existing Web Applications With the On-Board Scan Engine:** Eliminates the need for additional software in your application to control scanning operations.
- **ActiveX Alternative for Browser-Based Development:** WebScan does NOT use ActiveX in any way thereby eliminating the need for developers to learn proprietary functionality.
- **Greatly Reduces Overall Development Time:** Removes the need to configure, control, and handle scanning functionality from your application.
- **Maximizes Interoperability With XML:** Scanning and web application interaction are conveniently controlled via XML based files.
- **Automatic Deployment of Updates:** Update your Image Kiosk with new configuration files at startup.
- **Non-Proprietary Browser:** Offers the same functionality as Microsoft® Internet Explorer®.
- **Automatic Failover and Recovery:** Detects and performs web server failover and recovery that is transparent to the end user and requires no manual intervention by your IT staff. A customizable HTML page appears during a failure condition and your application continues where it left off after recovery.
- **Continuous Scanning:** Ideal for scan-intensive applications.
- **Supports Cold and Warm Boots:** Perform a "cold" or "warm" reboot at predetermined times with no application or user interaction.

# WebScan Architectural Design

## IK8560/70 Image Kiosk



The WebScan tool can be downloaded from IK8560/8570 product page on the Honeywell web site: [www.honeywell.com/aidc](http://www.honeywell.com/aidc). Once on the product page, select the **Product Support** tab, then **Software Downloads**.

### Automation and Control Solutions

Honeywell  
Imaging and Mobility  
700 Visions Drive  
PO Box 208  
Skaneateles Falls, NY 13153-0208  
[www.honeywell.com/aidc](http://www.honeywell.com/aidc)

WebScan-DS Rev B 7/08  
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# Honeywell

# Service Made Simple

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## Scanning and Mobility Service Program

Service Made Simple™ is Honeywell's solution for customers who require easy, hassle-free repair service for their hand-held, hands-free and bioptic scanners, as well as mobile computers. Service Made Simple helps customers meet their requirement for devices on the frontline of their businesses to be running at peak performance – all at an affordable cost.

Our full comprehensive coverage gives you the confidence that you've invested in a service platform that you can depend on to get devices fixed and back in the field quickly – simply return your device for full coverage and service.

Available in three or five-year programs, Service Made Simple assures quality repair service, conducted by qualified Honeywell technicians. And just as important, it's fast. Hand-held, hands-free and bioptic products will be serviced in one business day, mobility products will be serviced in three business days, and all will be returned to your site via expedited delivery.

Ordering a Service Made Simple package with your device is easy – there's a package pre-configured for each product we offer, so there's no menu of items to consider. Service Made Simple combines all of the key features of a quality service package into a single product-specific program that's ready to begin on day one of your deployment.



## Features

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- **Full Comprehensive Coverage:** Devices covered for normal wear and tear or accidental breakage
- **Three or Five-Year Programs:** Devices with a three-year warranty or less begin with a three-year Service Made Simple package, and those with a five-year warranty begin with a five-year package
- **One-Day Turnaround Promise:** Hand-held, hands-free and bioptic devices received will be serviced in one business day (24 hours) and shipped back via expedited delivery
- **Three-Day Turnaround Promise:** Mobile computers received will be serviced in three days and shipped back via expedited delivery
- **Value-Add Maintenance Included:** Devices will receive any pending engineering changes such as firmware upgrades during the repair process at no cost

# Service Made Simple

| Features  | Service Made Simple | Standard Warranty | Out-of Scope, Non-Warranty, Non-Contract |
|---|---------------------|-------------------|--|
| Turnaround time - hand-held, hands-free and bioptic                       | 1 day               | 10 days*          | 15 days*                                 |
| Turnaround time - mobile computers  | 3 days              | 10 days*          | 15 days*                                 |
| Comprehensive coverage  | ✓                   |                   |  |
| Repair by Honeywell technicians   | ✓                   | ✓                 | ✓  |
| Repair of manufacturing defect  | ✓                   | ✓                 | ✓  |
| Repaired to original factory specifications                               | ✓                   | ✓                 | ✓  |
| Includes all parts and labor cost for covered repairs                     | ✓                   | ✓                 |  |
| Proactive upgrade of hardware engineering fixes on devices being serviced | ✓                   | ✓                 |  |
| Latest firmware upgrades loaded   | ✓                   | ✓                 |  |
| Reload of customer software and configurations                            | +                   |                   |  |
| Custom configuration of Honeywell software loaded                         | +                   |                   |  |
| Service report with repaired products                                     | ✓                   | ✓                 | ✓  |
| Return shipping paid by Honeywell   | ✓                   | ✓                 |  |

\* turnaround time is an average, not guaranteed.

+ option available for 100 or more units. Requires an additional fee.

Service Made Simple is available for Standard and Stocking Configurations of the following Honeywell products at time of purchase:

|   | Standard Contract Duration | Optional Contract Duration |
|---|----------------------------|----------------------------|
| <b>Mobile Computers</b>   |                            |                            |
| Dolphin 9900 / 95XX / 7900 / 7850 / 7600                                  | 3 year                     | 5 year                     |
| ScanPal 2, Optimus S / SBT / R / PDA                                      | 3 year                     | 5 year                     |
| <b>Hand-Held Scanners</b>   |                            |                            |
| MS1633 FocusBT, 3800i, 3820/3820i, MS5145 Eclipse, MS9535 VoyagerBT       | 3 year                     | 5 year                     |
| MS3780 Fusion, 4820/4820i, 6300/6320DPM                                   | 3 year                     | 5 year                     |
| MS1690 Focus, 3800g/r, MS9520/40 Voyager, MS9590 VoyagerGS                | 5 year                     |                            |
| 4600g, 4600r, 4800i   | 5 year                     |                            |
| <b>Hands-Free Scanners</b>  |                            |                            |
| MS7580 Genensis, MS7600 Horizon, MS7300 In-Vista, IS1650, MS7120/80 Orbit | 3 year                     | 5 year                     |
| MS7820 Solaris, MS3580 QuantumT, MS4980                                   | 3 year                     | 5 year                     |
| 4800p   | 5 year                     |                            |
| <b>Bioptic</b>  |                            |                            |
| MS2400 Stratos, MS2300 StratosH, MS2122 StratosE                          | 3 year                     | 5 year                     |

Programs subject to change. Coverage details may vary slightly depending on regional location. Contact your local sales or service department.

For more information:

[www.honeywell.com/aidc](http://www.honeywell.com/aidc)

Honeywell Security & Data Collection

Honeywell Scanning & Mobility

Dallam Court - Dallam Lane  
Warrington Cheshire, WA2 7LT  
United Kingdom  
+44 (0) 1 925 240055

58 Tempus Business Centre  
Kingsclere Road, Basingstoke  
Hampshire RG21 6XG  
United Kingdom  
+44 (0) 1256 365900

**Honeywell**

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