



## KEY FEATURES

- Up to 140PPM (Simplex);  
Up to 280IPM (Duplex)
- Intelligent Feed Control
- Stapled Document Detection
- 100,000 Maximum Daily Duty Cycle
- Up to 750 Sheet ADF
- Hardware Image Processing
- USB 3.0
- Color LCD Display
- Digital Imprinter / Optional  
Pre/Post Imprinter
- Intelligent Double Feed Detection

## KV-S8100 SERIES HIGH-VOLUME PRODUCTION SCANNERS

The KV-S8127 and KV-S8147 high-volume production scanners, mark the latest additions to Panasonic's line of document scanners. Designed for banks, government, service bureaus and any high volume scanning environment. The KV-S8100 series delivers top of the line features and functionality to help increase efficiency and decrease production scanning costs.

The KV-S8127 features high-speed duplex scanning of up to 240 images per minute. While the KV-S8147 scans up to 280 images per minute, the top in its class, plus includes features like mechanical deskew and double-feed re-try. Both models support a large capacity of 750 sheets via the built-in ADF\*, advanced hardware image processing, and Panasonic's Toughfeed intelligent feed control for scanning a wide range of documents from thin paper to cardboard. The highly durable, long life rollers can scan up to 600,000 documents between replacements.

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\*LDG/A3: Up to 500 sheets.

## KV-S8100 SERIES HIGH-VOLUME PRODUCTION SCANNERS

### TECHNICAL SPECIFICATIONS

<b>IMAGE SENSOR TYPE</b>	<ul style="list-style-type: none"> <li>3 Line Color Contact Image Sensor</li> <li>Automatic Black and White Background Reference</li> </ul>
<b>LIGHT SOURCE</b>	<ul style="list-style-type: none"> <li>RGB LED</li> </ul>
<b>OPTICAL RESOLUTION</b>	<ul style="list-style-type: none"> <li>100 – 600 dpi (1 dpi step), 1,200 dpi (Interpolated)</li> <li>Optical: 300 dpi / 600 dpi (Automatic switch)</li> </ul>
<b>OUTPUT RESOLUTION</b>	<ul style="list-style-type: none"> <li>Color: 24-bit</li> <li>Grayscale: 8-bit</li> <li>Monochrome: 1-bit</li> </ul>
<b>OUTPUT COLOR DEPTH</b>	<ul style="list-style-type: none"> <li>Color: 24-bit</li> <li>Grayscale: 8-bit</li> <li>Monochrome: 1-bit</li> </ul>
<b>IMAGE PROCESSING FUNCTION</b>	<ul style="list-style-type: none"> <li>Automatic Brightness Adjustment, Automatic Image Emphasis, Dynamic Threshold, White Level From Paper, Automatic Separation, Noise Reduction, Auto Preview, Auto Rescan, Multi-color Dropout, Dither, Error Diffusion Detection</li> </ul>

### PERFORMANCE

<b>SCANNING SPEED<sup>1</sup></b>	<ul style="list-style-type: none"> <li>Simplex: Up to 120 ppm (KV-S8127) / Up to 140 ppm (KV-S8147)</li> <li>Duplex: Up to 240 ipm (KV-S8127) / Up to 280 ipm (KV-S8147)</li> </ul>
<b>ADF CAPACITY</b>	<ul style="list-style-type: none"> <li>Up to 750 Sheets: 21 lbs. [80 g/m2]*</li> </ul>
<b>DOCUMENT SIZE</b>	<ul style="list-style-type: none"> <li>ADF Manual Feeding: 1.9 in. x 4.33 in. to 12.09 in. x unlimited (KV-S8127)</li> <li>1.9 in. x 2.75 in. to 12.09 x unlimited (KV-S8147)</li> <li>ADF Automatic Feeding: 1.9 in. x 2.75 in. to 12.09 in. x 17 in.</li> </ul>
<b>WEIGHT (THICKNESS)</b>	<ul style="list-style-type: none"> <li>U-Turn Path: 5.2 lbs. - 68 lbs.</li> <li>Manual Path: 5.2 lbs. - 146 lbs.</li> </ul>
<b>INTERFACE</b>	<ul style="list-style-type: none"> <li>USB 3.0 interface</li> </ul>

### PHYSICAL SPECIFICATIONS

<b>POWER REQUIREMENTS<sup>2</sup></b>	<ul style="list-style-type: none"> <li>AC 100-120 V, 50/60 Hz, 2.7 A</li> <li>AC 100-240 V, 50/60 Hz, 2.7-1.5 A</li> </ul>
<b>POWER CONSUMPTION</b>	<ul style="list-style-type: none"> <li>Maximum (Scanning): 140 W or less</li> <li>Minimum (Ready): 35 W or less</li> <li>Sleep: 2.0 W or less</li> <li>Power Off: 0.5 W or less</li> </ul>
<b>DIMENSIONS (WxDxH)</b>	<ul style="list-style-type: none"> <li>21.5"×18.7"×17.1" [545 x 474 x 435 mm]</li> </ul>
<b>WEIGHT</b>	<ul style="list-style-type: none"> <li>98 lb. [44.4 kg]</li> </ul>
<b>INBOX CONTENTS</b>	<ul style="list-style-type: none"> <li>Quick Installation Guide, Power cord, USB 3.0 Cable, Panasonic Software CD-ROM, Double Feed Prevention Roller, Shading Paper and Attachment Guide</li> </ul>
<b>BUNDLED SOFTWARE OPTIONS</b>	<ul style="list-style-type: none"> <li>Panasonic Image Capture Plus, Panasonic User Utility, Universal TWAIN Driver, ISIS Driver, WIA Driver</li> </ul>
<b>OPTIONS</b>	<ul style="list-style-type: none"> <li>Roller Exchange Kit: KV-SS064 and KV-SS065, Roller Cleaning Paper: KV-SS03, Pre and Post Imprinters: KV-SS014, Ink cartridge: KV-SS021, Kofax® VRS Elite 5 [KV-S8127-V and KV-S8147-V], Network Scanning Option: KV-SSM100, Flatbed Scanner Option: KV-SS080, Site Central Management Software</li> </ul>
<b>OS SUPPORT</b>	<ul style="list-style-type: none"> <li>Windows® XP SP3 [32bit/64bit],</li> <li>Windows Vista® SP2 [32bit/64bit],</li> <li>Windows® 7 [32bit/64bit],</li> <li>Windows® 8 [32bit/64bit],</li> <li>Windows® 8.1 [32bit/64bit],</li> <li>Windows® 10 [32bit/64bit],</li> <li>Windows Server® 2003 SP2 [32bit/64bit],</li> <li>Windows Server® 2003 R2 SP2 [32bit/64bit],</li> <li>Windows Server® 2008 SP2 [32bit/64bit],</li> <li>Windows Server® 2008 R2 SP1 [64bit],</li> <li>Windows Server® 2012 [64bit]</li> </ul>
<b>FEED DETECTION FEATURES</b>	<ul style="list-style-type: none"> <li>Control Sheet Detection, Long Paper, Intelligent Double Feed Detection</li> </ul>
<b>PC REQUIREMENTS</b>	<ul style="list-style-type: none"> <li>Minimum: Intel® Core 2 Duo 1.8GHz Processor, 1GB Memory or Higher</li> <li>Recommended: Intel® Core i5 2.5GHz Processor, 4GB Memory</li> </ul>
<b>OTHER FUNCTIONS</b>	<ul style="list-style-type: none"> <li>Barcode Detection, Length Control, Patch Code Detection (Type 2, 3, T), Double Feed Skip, Double Feed Retry (KV-S8147 only), Mechanical Deskew (KV-S8147 only), Acoustic Jam Detection, 100 Programmable Work-flows</li> </ul>
<b>WARRANTY</b>	<ul style="list-style-type: none"> <li>6 Months On-Site</li> </ul>
<b>SERVICE OPTIONS</b>	<ul style="list-style-type: none"> <li>Next Business Day Onsite &amp; Pro-Tech Service Available</li> </ul>

### HIGH-SPEED DUPLEX SCANNING

The KV-8127 scans at speeds up to 120 ppm/240 ipm and the KV-S8147 scans at speeds up to 140 ppm/280 ipm, placing these machines in the highest speed class for Panasonic's production scanners. With built-in hardware image processing the document scanning speed is the same when scanning at 200 or 300 DPI.

### HIGH CAPACITY DOCUMENT FEEDER

The KV-S8100 series boasts a high capacity 750 sheet automatic document feeder. Since a large number of documents can be scanned continuously, the frequency of setup operation can be reduced for higher work efficiency.

### FLEXIBLE PAPER TRANSPORT SYSTEM

The KV-S8100 series scanners can easily switch between transport systems via the Paper Exit Direction Selector. The U-turn path is designed for everyday scanning and for thicker or specialty documents, the straight path can be selected.

### DURABILITY AND MAINTENANCE

The 600,000 sheet long life feed rollers reduce the frequency of roller replacement allowing for a lower total cost of ownership and reduced maintenance requirements.

### PANASONIC TOUGHFEED TECHNOLOGY

The KV-S8100 series includes Panasonic's Toughfeed technology, features include stapled document detection, intelligent feed control for mixed media handling, double feed detection, double feed retry<sup>3</sup> and acoustic jam detection. This combination of features ensures your scanned documents are reliably fed while preventing damage to original documents.

### IMPRINTING

The KV-S8100 series offers a variety of imprinting options. A physical pre and post imprinter option can be added to print a customizable alphanumeric string of text on every document scanned through the ADF. This is used to ensure physical scanning of documents have occurred and can be versioned by adding a date or time stamp to indicate when documents have been scanned. In addition, Panasonic's unique digital imprinter function allows you to digitally add a alphanumeric string of text to accomplish the same operation of an imprinter without printing on the original documents.

<sup>1</sup> The scanning speed differs depending on the host computer, the operating system, the application, the measuring method, the quantity of data in the image, and the paper type. The scanning speed depends on a measuring method of Panasonic.

<sup>2</sup> The power requirement differs depending on the country/area.

<sup>3</sup> Available on KV-S8147 only.



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