

## Easy Maintenance

The clamshell design allows full, easy access to the entire paper path, so you can clear paper jams or clean the unit without calling a service technician. The rollers are also easy to replace, improving the unit's cost-effectiveness, and have a long service life.



Rollers are easy to replace.



The clamshell opens widely.

## Specifications KV-S4085CW/KV-S4085CL and KV-S4065CW/KV-S4065CL

|  |   | KV-S4085CW<br>KV-S4085CL   | KV-S4065CW<br>KV-S4065CL  |
|--|---|--|---|
| Scanning Face                          |   | Duplex   |   |
| Scanning Method                        |   | Contact-type Colour Image Sensor<br>Selectable black and white background reference  |   |
| Scanning Speed*1<br>A4 size 200/300 dp | Binary  | Simplex  | Up to 80 ppm (Portrait)<br>Up to 100 ppm (Landscape)*2  |
|  |   | Duplex   | Up to 160 ipm (Portrait)<br>Up to 200 ipm (Landscape)*2   |
|  | Colour  | Simplex  | Up to 60 ppm (Portrait)<br>Up to 80 ppm (Landscape)*3   |
|  |   | Duplex   | Up to 120 ipm (Portrait)<br>Up to 160 ipm (Landscape)*3   |
| Resolution                             |   | 600 dpi Optical Resolution 100 - 600 dpi (1 dpi step)  |   |
| Detection                              |   | Double feed detection (KV-S4085CW/KV-S4085CL: 3 positions,<br>KV-S4065CW/KV-S4065CL: 1 position), Stapled document detection   |   |
| Compression                            |   | JPEG (colour, greyscale)   |   |
| Image Output                           |   | Binary, Greyscale (8 bit), Colour,<br>MultiStream™ output  |   |
| Binary Mode Halftone                   |   | Dither, Error diffusion  |   |
| Image Control                          |   | Dynamic Threshold, Automatic Crop,<br>Automatic Binary/ Colour Distinction, Blank Page Removal,<br>Double Exposure, Multi Colour Dropout, Smooth Background,<br>Hole Removal, Border Removal, Noise Reduction,<br>Detect File Separation Sheet and much more |   |
| Other Functions                        |   | Length control, Barcode detection (ISIS), Patch code detection,<br>Automatic separation, Control sheet, Long paper mode  |   |
| Scanning Size                          |   | KV-S4065CL / KV-S4085CL: 227 x 2,540 mm (8.9 x 100 in.)<br>KV-S4065CW / KV-S4085CW: 302 x 2,540 mm (11.9 x 100 in.)  |   |
| Documents*4                            | Size (ADF)  | Minimum  | 48 x 70 mm (1.9 x 2.75 in.)<br>In manual feed or thick paper modes: 48 x 100 mm (1.9 x 3.9 in.) |
|  |   | Maximum  | 297 x 432 mm (11.7 x 17 in.)  |
|  | Weight  | Thin mode: 20 - 50 g/m <sup>2</sup> (5 - 13 lbs.)<br>Normal mode: 50 - 157 g/m <sup>2</sup> (13 - 42 lbs.)<br>Thick mode: 157 - 209 g/m <sup>2</sup> (42 - 56 lbs.)<br>Auto mode: 20 - 157 g/m <sup>2</sup> (5 - 42 lbs.)                                    |   |
| Thickness                              | 0.04 - 0.2 mm (1.9 - 7.9 mils)<br>Straight path: max. 0.6 mm (23.6 mils)<br>Note: 1 mil = 0.001 in. |  |   |
| Hopper Capacity                        |   | Up to 300 sheets (64 g/m <sup>2</sup> , 17 lbs.)   |   |
| Interface                              |   | USB 2.0  |   |
| Power Requirement                      |   | AC 100 - 240 V, 50/60 Hz   |   |

|                                   |                                  | KV-S4085CW<br>KV-S4085CL  | KV-S4065CW<br>KV-S4065CL                |
|-----------------------------------|----------------------------------|---|---|
| Power Consumption                 | Maximum (Scanning)               | 0.7 A (220-240 V),<br>1.5 A (100-120 V)   | 0.6 A (220-240 V),<br>1.4 A (100-120 V) |
|                                   | Ready mode                       | 0.4 A (220-240 V),<br>0.7 A (100-120 V)   | 0.4 A (220-240 V),<br>0.7 A (100-120 V) |
|                                   | Sleep mode                       | 2.0 W or less<br>(220-240 V, 100-120 V)   | 2.0 W or less<br>(220-240 V, 100-120 V) |
|                                   | Standby mode                     | 0.5 W or less<br>(220-240 V, 100-120 V)   | 0.5 W or less<br>(220-240 V, 100-120 V) |
| Operating Environment             | Temperature                      | 10 - 35 °C (50 - 95 °F)   |   |
|                                   | Humidity                         | 20 - 80 % RH  |   |
| Storage Environment               | Temperature                      | 0 - 40 °C (32 - 104 °F)   |   |
|                                   | Humidity                         | 10 - 80 % RH  |   |
| External Dimensions*5 (W x D x H) |                                  | 474 x 585 x 329 mm<br>(18.7 x 23.0 x 13.0 in.)  |   |
| Weight*5                          |                                  | 25 kg (55 lbs.)   |   |
| Accessories                       |                                  | CD ROM: Device driver software,<br>Operation manual, Installation manual,<br>Control data sheet, Image Capture Plus<br>software*, ISIS*/ TWAIN driver,<br>software, User utility software, Multi colour<br>dropout utility<br><b>Power cord, USB cable &amp; Blower</b> |   |
| Options                           | Roller exchange kit              | KV-SS033  |   |
|                                   | Roller cleaning paper            | KV-SS03   |   |
|                                   | Imprinter unit (Pre and/or Post) | KV-SS014  |   |
|                                   | Ink cartridge                    | KV-SS021  |   |
| Flatbed Scanner*7                 |                                  | KV-SS081/KV-SS080*8   |   |

\*1 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 is as determined by Panasonic methods of speed measurement.

\*2 Only for the KV-S4085CW.

\*3 Only for the KV-S4065CW.

\*4 "Weight in pounds" of paper represents the weight of 500 sheets (432 mm x 559 mm / 17 in. x 22 in.).

\*5 Dimensions and weights are approximate.

\*6 The supported file types are PDF, PDF/A, Searchable PDF, Searchable PDF/A, JPEG, JPEG2000, TIFF and Bitmap. Searchable PDF and Searchable PDF/A documents can be created for English, French, German, Italian, Spanish, Brazilian Portuguese, Japanese, Korean, Simplified Chinese, and Traditional Chinese. Searchable PDF and Searchable PDF/A documents for Japanese, Korean, Simplified Chinese, and Traditional Chinese can be created when using Operating Systems of the respective languages.

\*7 Requires to the KV-S4085CW/KV-S4085CL or KV-S4065CW/KV-S4065CL

\*8 KV-SS080 is not available for certain countries. Please contact our dealer and confirm the availability.



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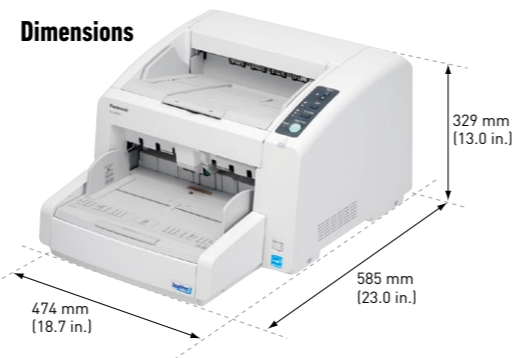
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### Important

- Safety Precaution: carefully read the operating instructions and installation manual before using this product.
  - Design and specifications are subject to change without notice.
  - These products may be subject to export control regulations.
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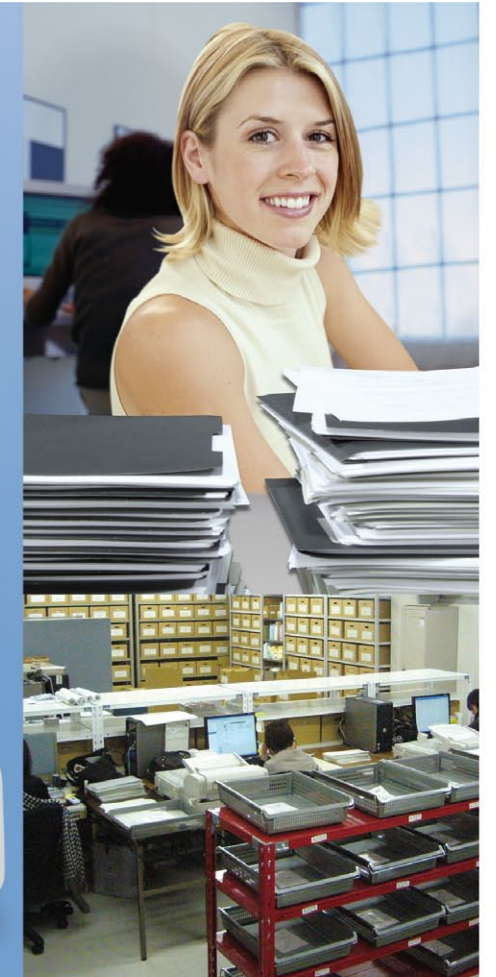
### Dimensions



# Panasonic

Document Scanner

## KV-S4085CW/KV-S4085CL KV-S4065CW/KV-S4065CL



## Innovative Paper Feed Mechanism

- Stapled Document Detection
- Ultrasonic Double-Feed Detection
- Intelligent Feed Control

- Mixed Document Feeding
- Long Paper Mode (Curved or Straight Path)
- 100 ppm / 200 ipm\* (KV-S4085CW)
- 80 ppm / 160 ipm\* (KV-S4065CW)

\* A4, Landscape, 200/300 dpi, Binary/Colour.



# Panasonic

Document Scanner: <http://panasonic.net/pcc/products/scanner>



# Accurate Feeding for Various Paper Types

Have you ever had your work interrupted by a scanner jam, and then found out that important documents were damaged? Or after you've finished scanning, have you discovered that one or more pages were missed? Our innovative scanner uses a reliable, industry-first paper feed mechanism to quickly detect stapled documents and halt scanning to minimise damage to the optical glass and the document. It also senses double-sheet feeding to prevent misfeedings. This minimises errors and problems in large scanning runs. Plus, it features full-colour scanning (200 or 300 dpi) at up to 200 ipm\* with clear, high-resolution results. In short, it gives you both efficiency and quality.

\*When using the KV-S4085CW A4, Landscape, 200/300 dpi, Binary/Colour.

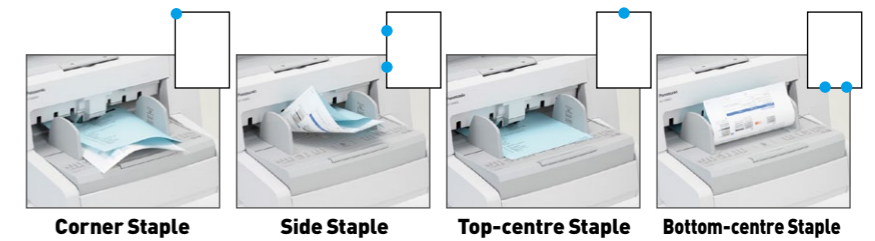


## ToughFeed

## Innovative Paper Feed Mechanism

### Preventing Damage to the Scanning Glass Stapled Document Detection

Multiple sensors are used to detect various types of stapled documents, and to immediately stop the scanner when stapling is detected. This minimises damage to both the document and the optical glass.

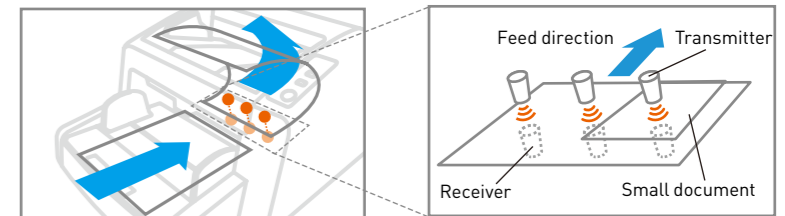


Staples are quickly detected in any location, to minimise damage to the optical glass and the document.

### Accurate Scanning Ultrasonic Double-Feed Detection

Ultrasonic sensors detect double feeds. The KV-S4085CW/KV-S4085CL are equipped with three ultrasonic sensors to cover a larger area of the document, rather than the centre only, for versatile detection of small documents mixed among regular-sized documents.

\*KV-S4065CW/KV-S4065CL have one sensor.



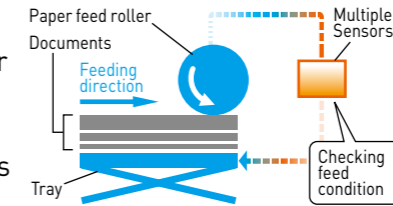
Three sensors\* detect double feeding and stop the scanner immediately.

High-performance sensors catch even subtle changes.

### Smooth Feeding Intelligent Feed Control

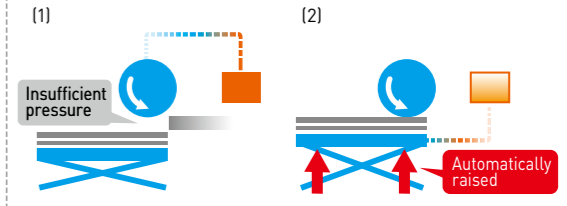
Multiple sensors check the paper feed condition and automatically adjust the roller pressure to ensure that documents of various thicknesses are accurately fed. This makes it more reliable and accurate than conventional feed mechanism.

#### Checking



Multiple sensors constantly check the condition of the paper feed and the pressure between the document and the roller.

#### Adjusting



The sensors detect when the paper feed is not correct due to insufficient pressure.

The tray is raised to adjust the pressure and accurately feed the document.

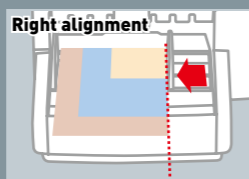
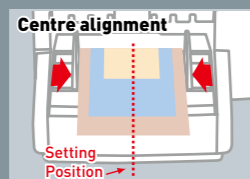
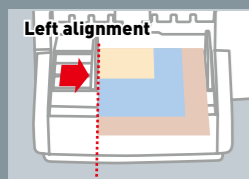
## High-Reliability Scanning

### Accurately Feeds Various Sizes of Documents

### Mixed Document Feeding\*<sup>1</sup>

Documents with different sizes and thicknesses can all be fed together. They can be set in centre, left, or right alignment. By using left or right single-side alignment, there is no more need to spend time organizing documents according to their size, so scanning is fast and easy. This function greatly increases work efficiency.

\*<sup>1</sup> Effective wide scanning of KV-S4065CL and KV-S4085CL are A4 size from centre position.



The scanner feeds accurately, regardless of alignment.

### Convenient Function for Long Documents Long Paper Mode

The highly reliable paper feed mechanism quickly and stably scans long documents too. Using the straight path, this boosts work efficiency by smoothly scanning long monitoring sheets, like those used for EKG documents, and thick documents.



Two path types enable long-sheet scanning.

## High-Quality Image Processing

### No More Need to Pre-Sort

### Automatic Binary/Colour Distinction

This function automatically detects when a set of documents contains some colour sheets and some monochrome (B/W) sheets. You can feed these together without sorting, and the machine will automatically compress the data efficiently according to whether a sheet is colour or monochrome (B/W), so the electronic file size is minimised. This is a feature typically found only on high-end scanners.

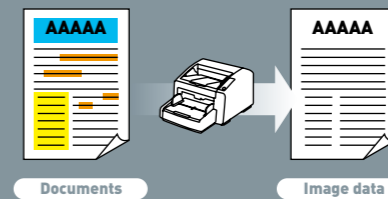


The scanner detects colour or B&W.

### Pre-Printed Form Scanning

### Multi Colour Dropout

With Multi Colour Dropout, you're no longer limited to removing only reds, greens and blues from pre-printed forms. Any colour or colour range can be selected for removal for more accurate OCR processing. And you're not limited to only one colour — you can select up to three or even drop all colours saving only black.

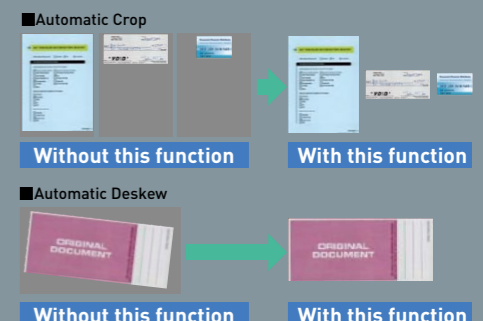


The scanner makes it easier to read text data.

### Eliminates Post-Processing

### Automatic Crop and De-Skew

When you scan documents of mixed size, the documents are automatically cropped and stored in the appropriate size. Also, skewed documents are automatically straightened when they are scanned.



The scanner crops white space..