Panasonic
ideas for life

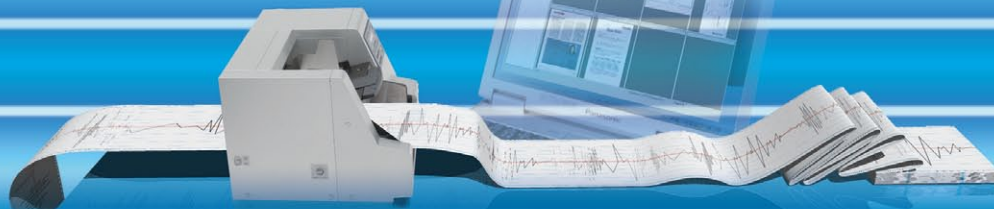## the Reliable CHOICE for imaging excellence

powerful

130 ppm / 220 ipm
(A4, Landscape, 200 dpi, Binary)

- **Advanced Image Enhancement Technology**
- **High-Volume 1,000-page ADF (Business Card to A3 size)**
- **Reliable Ultrasonic Double Feed Detection**
- **USB 2.0 and Ultra Wide SCSI Ⅲ Dual Interface**

The KV-S3105C incorporates exceptional features and delivers outstanding performance as a robust high speed scanning solution.

The KV-S3105C has advanced image enhancement technology which optimizes scanner performance. It can produce outstanding image quality so high that it may even be superior to the original document itself. The KV-S3105C utilizes a host of special features to achieve this performance, some of which are described below.

Automatic Binary / Color Distinction

Automatic Binary / Color distinction allows the scanner to recognise and differentiate Colour and Black & White pages. This function reduces scan-to-file size while promoting a more efficient scanning process.

MultiStream function

The MultiStream function enables a single scan to be saved as two separate formats simultaneously. For example the document will be saved in Binary for OCR and archival purposes and saved as a full colour image for short term on-screen retrieval.

Multi color Drop Out function

Up to 3 distinct colour ranges can be selected to be dropped out of the scanned image. This function, when used in forms processing applications, can greatly improve OCR performance and accuracy, resulting in increased productivity and potential cost savings.

Automatic De-Skew and Cropping

These useful features take the worry out of scanning mixed size originals. Should documents skew as they are being fed, the Automatic De-Skew feature can straighten them out. And scanned documents can be automatically cropped to their original size, reducing pre-scan production time, thereby increasing efficiency and reducing costs.

With its easy to use "clam-shell" design and stainless steel construction, the KV-S3105C is built to last while providing easy access for routine cleaning and maintenance. KV-S3105C is designed to provide unlimited daily duty cycle (number of pages that the scanner can scan per day without reducing the life expectancy of the scanner).

Designed to increase productivity and reduce downtime, the KV-S3105C incorporates longer lasting, easy to replace rollers. No more waiting for a service technician to perform routine roller replacements - these rollers can be replaced quickly without any tools.

With the standard USB 2.0 and Ultra Wide SCSI interface the KV-S3105C can be connected to most PCs depending on your office environment.

Specifications — KV-S3105C

Scanning face			Duplex, Sheet Feed Scanning
Scanning Method			3-Line CCD image sensor Selectable black and white background reference
Scanning Speed*¹ A4 size, landscape		Binary 200 dpi	Up to 130 ppm / 220 ipm
		Colour 200 dpi	Up to 130 ppm / 175 ipm
Resolution (Colour and B/W)			100 - 600 dpi (1 dpi step)
Detection			Ultrasonic double-feed detection
Image Compression		Binary	MH, MR, MMR
		Greyscale	JPEG
		Colour	JPEG
Image Output			Binary (simple binary, Halftone mode), Greyscale (8-bit), Colour (24-bit) : sRGB, ICM (TWAIN), MultiStream output
Binary Mode Halftone			Dither, Error diffusion
Image Control			Image Emphasis (5 steps), Gamma correction, Dynamic Threshold, Automatic Separation, Noise Reduction, Shadow Removal, De-skewing, Automatic Cropping, Mirror Image, Monochrome Reversing, Automatic Binary / Color Distinction, Multi Color Drop Out and much more
Other functions			OCR Zone (a function of the Image Capture Plus software that adds characters from the document to the output file name), Length Control, Document size detection, Double feed detection, Barcode detection (ISIS®), Patch code detection, Separation sheet, Control sheet
Paper	Size (ADF)	Minimum	48 mm width x 70 mm length
		Maximum	297 mm width x 432 mm length
	Weight*²	Single	30 - 157 g/m²
		Continuous	50 - 157 g/m²
	Thickness	Single	0.04 - 0.2 mm
		Continuous	0.06 - 0.2 mm
Automatic Document Feeder			Up to 1,000 sheets (64 g/m²)
Long Paper Mode			200 page or memory size limitation Up to 84 m (A3, 200 dpi, simple binary) Maximum page length: 2.54 m
Image Memory		Standard	256 MB
		Maximum	Base memory plus 256 MB or 512 MB
Interface			High-Speed USB 2.0 / Ultra Wide SCSI (SCSI III) - 40 MB/sec
Power Requirement			AC 220 - 240 V, 50/60 Hz AC 100 - 120 V, 50/60 Hz
Power Consumption		Scanning	1.5 A (220 - 240 V), 3.0 A (100 - 120 V)
		Standby	0.5 A (220 - 240 V), 0.7 A (100 - 120 V)
		Sleep	6.2 W or less (220 - 240 V, 100 - 120 V)
Operating Environment		Temperature	15°C - 30°C
		Humidity	20% RH - 80% RH
Storage Environment		Temperature	0°C - 35°C
		Humidity	10% RH - 80% RH
External Dimensions			627 mm (W) x 546 mm (D) x 415 mm (H)
Weight			52 kg
Accessories			CD-ROM: Image Capture Plus software*³, RTIV software, ISIS® / TWAIN driver software, Installation manual, Operation instructions, Control sheet, QuickScan Pro demo software, etc. Installation manual, Maintenance manual, Power cord, USB cable, Blower, Shading Paper, Roller cleaning paper
Options		Roller exchange kit	KV-SS026
		Roller exchange kit (Thin Paper)	KV-SS027
		Roller cleaning paper	KV-SS03
		Imprinter unit (Post)	KV-SS028
		Ink cartridge	KV-SS021

Imprinter unit (Post)

Roller exchange kit

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

*3: 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.

• The images shown on the PC display are simulated.
• Dimensions and weights are approximate.
• Design and specifications are subject to change without notice.
• This product may be subject to export control regulations.

This product is designed to reduce hazardous chemical substances.

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– All other brand or product names are the property of their respective holders.
Important
– Safety Precaution: carefully read the operating instructions and installation manual before using this product.
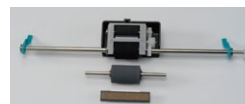
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