COLOUR
DOCUMENT SCANNERS
KX-S2026CU / KX-S2046CU

The reliable choice for low volume colour document management solutions

The KV-S2026CU and KV-S2046CU are colour document duplex scanners suitable for any work group or departmental use where high durability with high-tech image processing, yet compact-sized equipment are required.

In addition to Panasonic's amazing paper handling performance acquired by many years experience with high speed production scanners, these compact-sized scanners have 600 dpi scanning sensor and many high-tech image processing functions such as Colour Automatic Cropping, and Colour Automatic De-skew.

▲ Full Colour Duplex Scanning

▲ Advanced Panasonic Image Enhancement Technology with Colour Automatic Cropping and De-skew

▲ Dynamic Threshold Technology

▲ RTIV™ Reliable Throughput Imaging Viewer

▲ USB 2.0 and Ultra SCSI interface

KV-S2026CU
41 ppm
72 ipm

KV-S2046CU
23 ppm
40 ipm

3M Life 4,000 Duty cycle
Colour Automatic Cropping
Colour De-Skewing
Colour Drop Out
Dynamic Threshold Technology
HI-SPEED CERTIFIED USB

High Durability and Reliable Paper Handling

3M Life 4,000/Duty cycle

These compact scanners have high durability and reliable paper handling - fundamental qualities of work group scanners.

With a 3-million page scanning ability (which is one of the top performances in it's class) you get performance and reliability on any heavy scanning requirements.

These scanners can handle various paper weights from 50-127 gsm.

The paper feeding rollers can be used for non-carbon papers.

Easy Maintenance

Maintenance of the scanner is quite easy with its clam-shell-mechanism which allows quick recovery in the event of a paper jam.

### End User Roller Replacement

---

Application Environment

Panasonic scanners are suitable for various types of industries and businesses such as banks, securities, telephone companies, communication companies, government offices, self-governing bodies, hospitals, insurance companies, manufacturing companies, transportation companies, and so on.

Suitable for the following environments

▲ Distributed Processing

▲ Desktop Scan Station

▲ Workgroup Process Station

▲ Departmental Process Station.

The application

▲ Document Management
   COLD, Filing, Record Management, Imaging, Capturing Work Flow

▲ Form Processing (OCR, ICR, IMR)

▲ Knowledge and Content Management.

KV-S2026C

Server
**Distributed Processing**
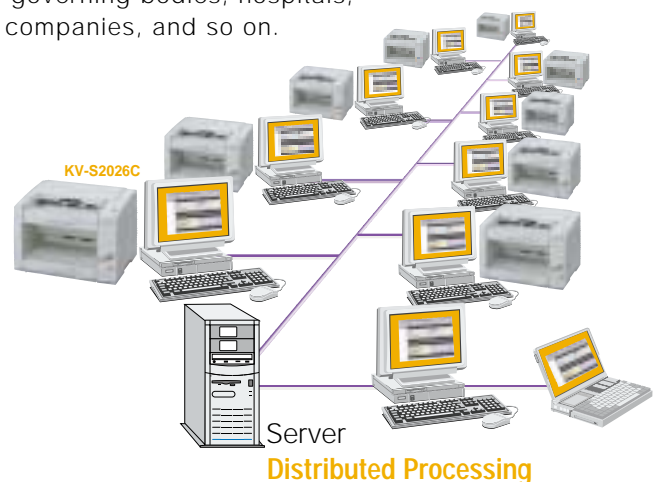
Colour Automatic Cropping

Various sized documents can be scanned effectively without individual paper size settings. Previously batch scanning of various sized documents or smaller documents were often scanned at the wrong size. This is because the scanner could only handle one size per batch. Automatic Cropping technology scans only the actual document size.

Automatic Cropping

Colour Automatic De-Skew

In Automatic Document Feeder scanning, scanned documents are often skewed. Automatic De-Skew technology corrects the skewed data.
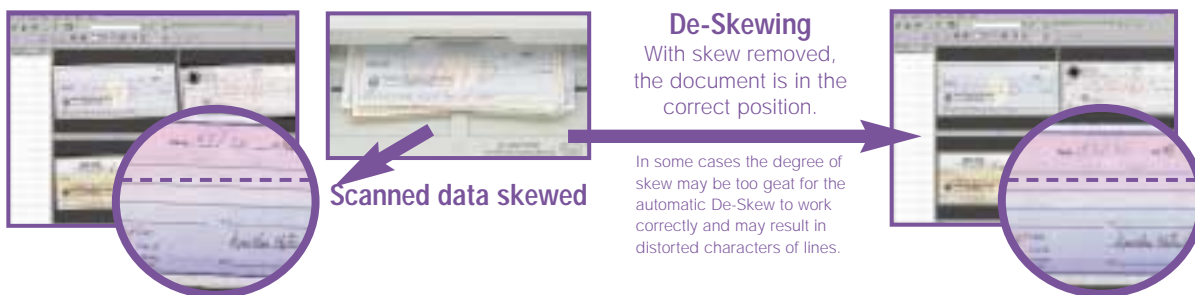
De-Skewing
With skew removed, the document is in the correct position.

Scanned data skewed

In some cases the degree of skew may be too geat for the automatic De-Skew to work correctly and may result in distorted characters of lines.
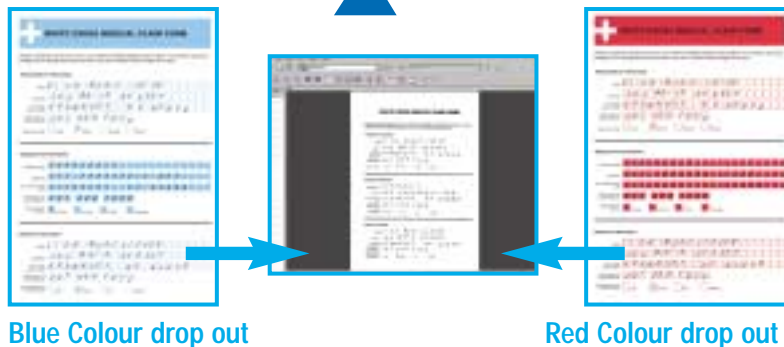
Smoothing

Re → Re
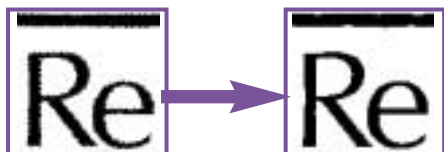
Traditional de-skew software may produce jagged edges, but Panasonic's Smoothing function makes characters' edges remain smooth and precise even after de-skew.

Colour Drop Out

The Colour Drop Out function deletes Red, Blue and Green coloured lines to simplify the OCR function.

Blue Colour drop out

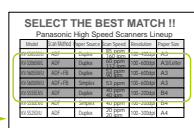**Red Colour drop out**

Dynamic Threshold

If a document has various coloured areas or dark background, then the scanned data is sometimes difficult to read. Dynamic Threshold technology detects the density of the various backgrounds and automatically adjusts the scan settings to allow easy reading.

Dynamic Threshold Technology

SELECT THE BEST MATCH !!
Panasonic High Speed Scanners Lineup

Model	Scan Method	Paper Source	Scan Speed	Resolution	Paper Size
KV-S8855D/U	ADF	Duplex	85 ppm 160 ipm	100–400dpi	A3
KV-S2065W/L	ADF	Duplex	60 ppm 112 ipm	100–600dpi	A3/Letter
KV-S6055W/U	ADF+FB	Duplex	53 ppm 90 ipm	100–600dpi	A3
KV-S6050W/U	ADF+FB	Simplex	53 ppm	100–600dpi	A3
KV-S55E/U	ADF	Duplex	40 ppm 40 ipm	100–200dpi	B4
KV-SS50E/U	ADF	Simplex	40 ppm	100–200dpi	B4
KV-SS25D/U	ADF	Duplex	20 ppm 20 ipm	100–300dpi	A4

Sample Material

Normal brightness setting

Dynamic Threshold

Scanning on much brighter setting

Adjust the brightness to suit the coloured area
The Dynamic Threshold technology automatically adjusts for every background colour creating the most suitable settings.

Results may vary depending on the background and quality of the documents

		KV-S2026CU	KV-S2046CU
Scanning face		Duplex	
Scanning method		CIS (Contact-type colour image sensor) Front and Back sides Background: Black sensor roller	
Scanning speed*1 A4 size portrait Paper feed test by service utility	Binary 200 dpi	Simplex 23 ppm Duplex 40 ipm	Simplex 41 ppm Duplex 72 ipm
	Colour 150 dpi	Simplex 10 ppm Duplex 16 ipm	Simplex 18 ppm Duplex 32 ipm
Resolution		100-600 dpi (10 dpi step) Optical: 600 dpi (Main and Sub scanning directions)	
Output		Binary mode, Gray Scale mode (4/8 bit), 24 bit colour	
Binary Mode Halftone		Dither, Error diffusion	
Image control		Image emphasis (5 steps), Gamma correction, *Dynamic Threshold, *Automatic Separation, *Noise Reduction, *De-skew, *Cropping, *Mirror Image, *Mono-chrome Reversing, *Note: Executed by driver software or RTIV™.	
Other function		Patch code detection (Kodak patch 2, 3, T) Note: 1 patch per side. Executed only by ISIS® driver.	
Paper	Size	50.8 x 70 mm (2.0 x 2.8 in.) to 216 x 356 mm (8.5 x 14 in.)	
	Thickness	Single paper feeding: 0.05 to 0.15 mm (2.0 to 5.9 mils) Continuous paper feeding: 0.06 to 0.15 mm (2.36 to 5.9 mils) Note: 1 mil =1/1000 in.	
	Weight	Single paper feeding: 40 to 127 g/m^2 (10.7 to 33.9 lbs.) Continuous paper feeding: 50 to 127 g/m^2 (13.3 to 33.9 lbs.) Note: 1 lbs=3.75 g/m^2	
Interface (Transfer rate)		Dual port support Ultra SCSI (20 MB/sec.), 50 pin, USB 2.0	
Feed tray capacity		120 sheets [64 g/m^2 (17 lbs.)], 100 sheets [75 g/m^2 (20 lbs.)]	

Unit	External dimensions (Width x Depth x Height)	343 x 487 x 269 mm (13.5 x 19.2 x 10.6 in.) Note: When tray is pulled		343 x 487 x 239 mm (13.5 x 19.2 x 9.4 in.) Note: When tray is installed	
	Weight	8.5 kg (18.7 lbs.)		9.1 kg (20.1 lbs.)	
	Power requirement	AC100 - 120 V, 50/60 Hz	AC220 - 240 V, 50/60 Hz	AC100 - 120 V, 50/60 Hz	AC220 - 240 V, 50/60 Hz
Power consumption	Maximum (Scanning)	37 W	38 W	50 W	50 W
	Minimum (Standby)	17 W	19 W	18 W	19 W
	Sleep mode	6 W	8 W	6 W	8 W
Environment	Operating temperature and humidity	Temperature: 15 °C to 30 °C (59 °F to 86 °F) Humidity: 30 % to 80 % RH			
	Storage temperature and humidity	Temperature: 0 °C to 35 °C (32 °F to 95 °F) Humidity: 10 % to 80 % RH			

Accessories	•Power cord, •Roller cleaning paper, •CD-ROM(s) (Maintenance, Safety and Installation manual, Operating Instructions, RTIV™ Capture software, ISIS® driver, TWAIN driver, PIE manual, RTIV™ manual, User utility software, User utility manual), •Printed documents (Maintenance, Safety and Installation manual)	
	PaperPort SE	—
Consumables * Options	*Roller exchange kit (KV-SS022) *Roller cleaning paper (KV-SS03) White roller kit (KV-SS023)	*Roller exchange kit (KV-SS022) *Roller cleaning paper (KV-SS03) *Ink cartridge (KV-SS021) White roller kit (KV-SS023) Pre-imprinter (KV-SS020)

Imprinter

Note *1: The scanning speed depends on the test environment. The scanning speed differs depending on the host computer operating environment or application.

Panasonic
ideas for life | business solutions

Panasonic Customer care centre 132600

For further information or location of your nearest Panasonic stockist please telephone Panasonic's Customer Care Centre on 132 600

Specifications are subject to change without notice. While every effort has been made to represent product colours accurately, slight variation may occur due to the printing process.