Panasonic

KV-S2025C Color
KV-S2045C Color

	KV-S2025C	KV-S2045C
Scanning face	Duplex	
Scanning method	CIS (Contact-type color image sensor) Front and Back sides Background: Black sensor roller	
Scanning speed*1 Letter size portrait Paper feed test by service utility — Binary 200 dpi	Simplex 24 pages/min. Duplex 42 images/min.	Simplex 43 pages/min. Duplex 76 images/min.
color 150 dpi	Simplex 10 pages/min. Duplex 18 images/min.	Simplex 19 pages/min. Duplex 34 images/min.
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 color	
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	2.0 x 2.8 in. (50.8 x 70 mm) to 8.5 x 14 in. (216 x 356 mm) Up to 8.5 x 25 in. (216 x 635 mm) *2	
Thickness	Single paper feeding: 2.0 to 5.9 mils (0.05 to 0.15 mm) Continuous paper feeding: 2.36 to 5.9 mils (0.06 to 0.15 mm) Note: 1 mil =1/1000 in.	
Weight	Single paper feeding: 10.7 to 33.9 lbs. (40 to 127 g/m^2) Continuous paper feeding: 13.3 to 33.9 lbs. (50 to 127 g/m^2) Note: 1 lbs=3.75 g/m^2	
Interface (Transfer rate)	SCSI Ⅲ (20 MB/sec.), 50 pin	
Feed tray capacity	120 sheets [17 lbs. (64 g/m^2)], 100 sheets [20 lbs. (75 g/m^2)]	
Unit — External dimensions (Width x Depth x Height)	13.5 x 19.2 x 10.6 in. (343 x 487 x 269 mm) Note: When tray is pulled	13.5 x 19.2 x 9.4 in. (343 x487 x 239 mm) Note: When tray is installed
Weight	18.5 lbs. (8.4 kg)	20.1 lbs. (9.1 kg)

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)	36 W	38 W	50 W	50 W
Minimum (Standby)	16 W	19 W	18 W	19 W
Sleep mode	5 W	7 W	6 W	8 W

Environment — Operating temperature and humidity	Temperature: 59 °F to 86 °F (15 °C to 30 °C) Humidity: 30 % to 80 % RH
Storage temperature and humidity	Temperature: 32 °F to 95 °F (0 °C to 35 °C) 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.
*2: Paper lengths larger than legal size are supported up to 25 inches. A resolution of less than 300 dpi and single sheet feeding is recommended.

KV-SS905C Color
High Speed-Color Scanner
For High Speed production color processing, the 98 ppm KV-SS905C color scanner is the natural choice.

Panasonic

KV-S2045C

KV-S2025C

▶ **Full Color Duplex Scanning**
▶ **Panasonic Image Enhancement Technology with Color Automatic Cropping and De-skew**
▶ **Dynamic Threshold Technology**
▶ **RTIV™ Image Capture Utility**

RTIV Reliable Throughput Imaging Viewer
For KV-S2025C/S2045C

RTIV Reliable Throughput Imaging Viewer
For KV-S2025C/S2045C Image Capture Utility

ISIS® TWAiN

The Reliable choice for Desktop Workgroup and Departmental Document Management Solutions.

The KV-S2025C WorkGroup color scanner and the KV-S2045C Departmental color scanner provide you superior durability with advanced image processing, all at a compact size and price.

Both of these scanners are revolutionary in design, with superb paper handling and a small footprint, making them an ideal desktop solution for file management and critical image processing applications.

43 ppm / 76 ipm
3M Life 4,000/Duty cycle
Color Automatic Cropping
De-Skewing
Color Drop Out
Dynamic Threshold Technology

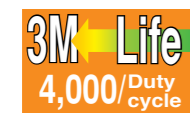**KV-S2045C**

24 ppm / 42 ipm
3M Life 4,000/Duty cycle
Color Automatic Cropping
De-Skewing
Color Drop Out
Dynamic Threshold Technology

Shown with the paper tray pulled out.

KV-S2025C

High Durability and Reliable Paper Handling.

3M Life 4,000/Duty cycle

The KV-S2025C and the KV-S2045C have undergone stringent testing, including a three million-page test that both units exceeded, placing them in the upper classification in their respective categories.
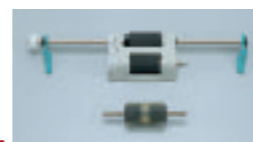Both the KV-S2025C and the KV-S2045C have feeding rollers providing reliable processing of irregular paper sizes and weights from 10.7 lbs to 33.9 lbs and support of non-carbon paper.

Easy Maintenance.

The clamshell design allows for quick and easy access to the consumables.
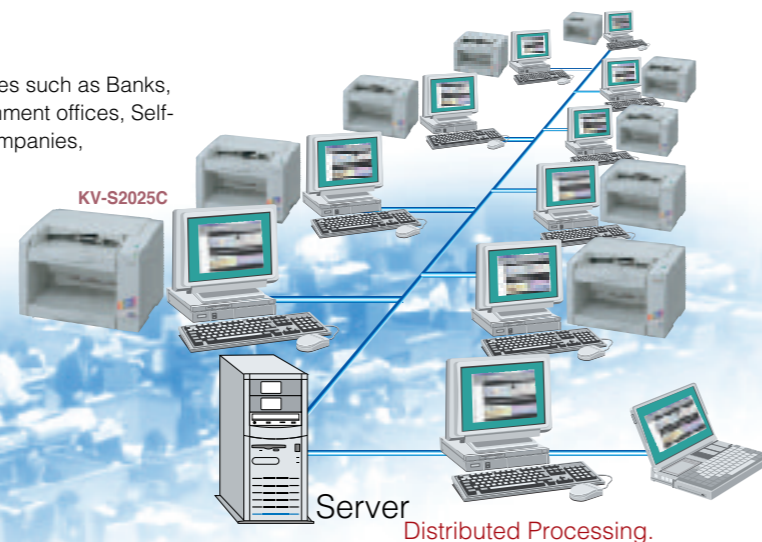
End User Roller Replacement.

Application Environment.

The 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.
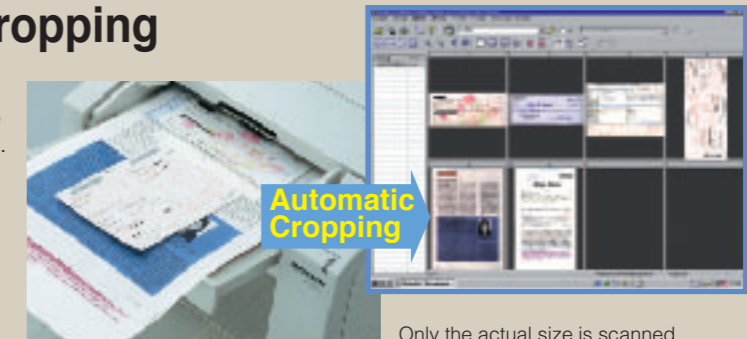- Departmental Process Station.

KV-S2025C

Server

Distributed Processing.

Color Automatic Cropping

Documents of various sizes can be scanned in one batch without having to configure individual paper size settings. Now available in color, Automatic Cropping technology captures only the size of the document and not excess image data.
This will also help eliminate unnecessary file size.

Automatic Cropping

Only the actual size is scanned.

Color Automatic De-Skew

Imperfect originals when scanned through the automatic document feeder may become skewed. Automatic De-Skew technology corrects the skewed data.
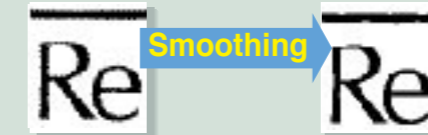
De-Skewing

Scanned data skewed.

With skew removed, the document is in the correct position.

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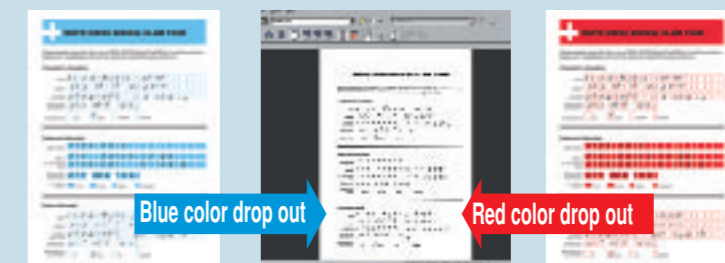
Smoothing

Re Smoothing 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.

Color Drop Out

Red, Green, and Blue colors can be dropped out to allow the scanned images and data to be presented more clearly for use in OCR and other data capture applications.

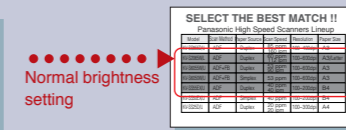Blue color drop out Red color drop out

Dynamic Threshold

Data contained on documents with backgrounds of various colors and densities is difficult to capture. Dynamic Threshold technology automatically detects these background concerns and selects the correct image enhancement settings to allow for the best possibility of capturing the data.

SELECT THE BEST MATCH !!
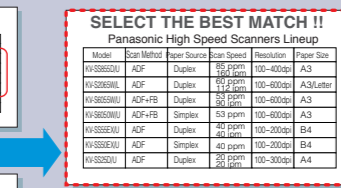Panasonic High Speed Scanners Lineup

Normal brightness setting

Dynamic Threshold

Scanning on much brighter setting

Sample Material

Adjust the brightness to suit the colored area

The Dynamic Threshold technology automatically adjusts for every background color creating the most suitable settings.

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