# Panasonic

**KV-S2026C** Color
**KV-S2046C** Color

| | KV-S2026C | KV-S2046C |
|---|---|---|
| Scanning face | Duplex | |
| Scanning method | CIS (Contact-type color image sensor) Front and Back sides<br>Background: Black sensor roller | |
| Scanning speed*1 Letter size portrait — Binary 200 dpi | Simplex 24 pages/min.<br>Duplex 42 images/min. | Simplex 43 pages/min.<br>Duplex 76 images/min. |
| Paper feed test by service utility — color 150 dpi | Simplex 10 pages/min.<br>Duplex 18 images/min. | Simplex 19 pages/min.<br>Duplex 34 images/min. |
| Resolution | 100-600 dpi (10 dpi step)<br>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,<br>*Noise Reduction, *De-skew, *Cropping, *Mirror Image,<br>*Mono-chrome Reversing,<br>*Note: Executed by driver software or RTIV™. | |
| Other function | Patch code detection (Kodak patch 2, 3, T)<br>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 | |
| Paper — Thickness | Single paper feeding: 2.0 to 5.9 mils (0.05 to 0.15 mm)<br>Continuous paper feeding: 2.36 to 5.9 mils (0.06 to 0.15 mm)<br>Note: 1 mil =1/1000 in. | |
| Paper — Weight | Single paper feeding: 10.7 to 33.9 lbs. (40 to 127 g/m²)<br>Continuous paper feeding: 13.3 to 33.9 lbs. (50 to 127 g/m²)<br>Note: 1 lbs=3.75 g/m² | |
| Interface (Transfer rate) | Dual port support SCSI III (20 MB/sec.), 50 pin, USB 2.0 | |
| Feed tray capacity | 120 sheets [17 lbs. (64 g/m²)], 100 sheets [20 lbs. (75 g/m²)] | |

| Unit | External dimensions (Width x Depth x Height) | 13.5 x 19.2 x 10.6 in.<br>(343 x 487 x 269 mm)<br>Note: When tray is pulled | | 13.5 x 19.2 x 9.4 in.<br>(343 x487 x 239 mm)<br>Note: When tray is installed | |
|---|---|---|---|---|---|
| | Weight | 18.7 lbs. (8.5 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) | 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: 59 °F to 86 °F (15 °C to 30 °C)<br>Humidity: 30 % to 80 % RH | | | |
| | Storage temperature and humidity | Temperature: 32 °F to 95 °F (0 °C to 35 °C)<br>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),<br>•Printed documents (Maintenance, Safety and Installation manual) | |
|---|---|---|
| | **PaperPort SE** | — |
| Consumables * Options | ★Roller exchange kit (KV-SS022)<br>★Roller cleaning paper (KV-SS03)<br>White roller kit (KV-SS023) | ★Roller exchange kit (KV-SS022)<br>★Roller cleaning paper (KV-SS03)<br>★Ink cartridge (KV-SS021)<br>White roller kit (KV-SS023)<br>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
## ideas for life

Design and Specifications are subject to change without notice. PCC0403A/US-S2026CMLC-01 Printed in Japan

KV-S2046C

KV-S2026C

► **Full Color Duplex Scanning**
► **Advanced Panasonic Image Enhancement Technology with Color Automatic Cropping and De-skew**
► **Dynamic Threshold Technology**
► **RTIV™ Reliable Throughput Imaging Viewer**
► **USB 2.0 and Ultra SCSI interface**

HI-SPEED CERTIFIED USB™

RTIV Reliable Throughput Imaging Viewer

energy

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

The KV-S2026C WorkGroup color scanner and the KV-S2046C 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

Color De-Skewing

Color Drop Out

Dynamic Threshold Technology

HI-SPEED CERTIFIED USB

**KV-S2046C**

**24** ppm 42 ipm

**3M Life** 4,000/Duty cycle

Color Automatic Cropping

Color De-Skewing

Color Drop Out

Dynamic Threshold Technology

HI-SPEED CERTIFIED USB

**KV-S2026C**

Shown with the paper tray pulled out.

## High Durability and Reliable Paper Handling.

**3M Life** 4,000/Duty cycle

The KV-S2026C and the KV-S2046C have undergone stringent testing, including a three million-page test that both units exceeded, placing them in the upper classification in their respective categories.
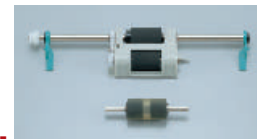Both the KV-S2026C and the KV-S2046C have feeding rollers providing reliable processing of irregular paper sizes and weights from 10.7 lbs to 33.9 lbs and support of non-carbon paper.

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## 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.
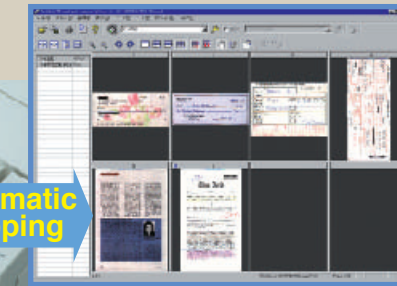
**KV-S2026C**
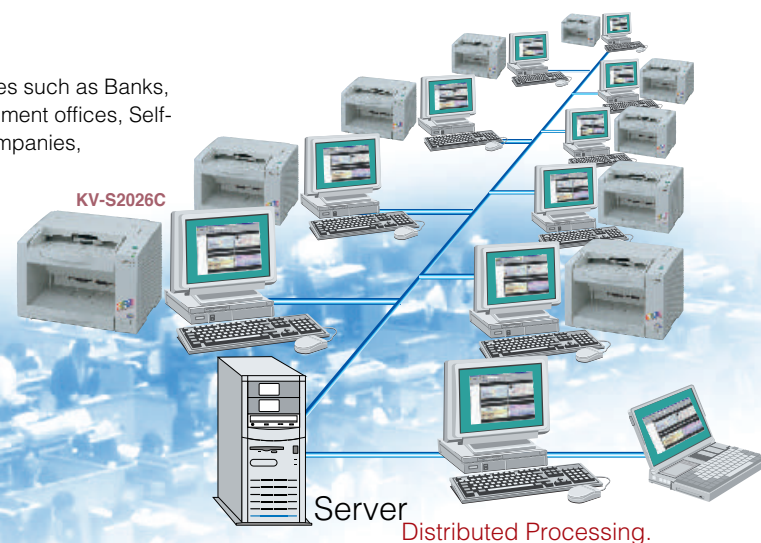
Server

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.
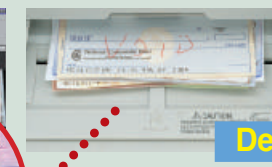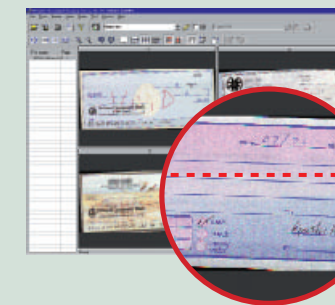This will also help eliminate unnecessary file size.
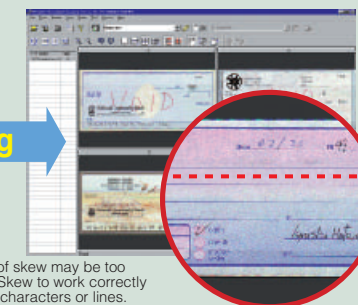
Only the actual size is scanned.

## 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.
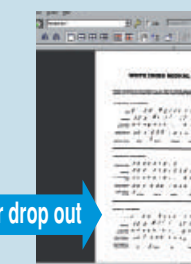
## Color Drop Out

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.

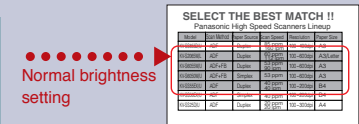Blue color drop out

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.
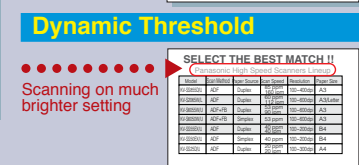
**SELECT THE BEST MATCH !!**
Panasonic High Speed Scanners Lineup

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.