

Color

**RTIV** Reliable  
Throughput  
Imaging  
Viewer  
PDF directly



KV-S1025C/KV-S1020C

# impressive

Color Document Scanner

- Versatile document handling for today's business needs
  - Virtually any type of paper
  - ID cards — including embossed hard cards
  - Mixed paper and hard card batch scanning
  - Long paper scanning (EKG & monitoring systems)
  - Double feed prevention roller system
- Advanced image enhancement and processing
- Easy to operate — Auto application launcher



**Panasonic** ideas for life

# The Ideal Choice for Your Front Office Document Scanning Needs.

Virtually any type of document, from business card size to legal size, from thin onion skin paper to thick hard ID cards, single sided or double sided, the new KV-S1025C/KV-S1020C can scan them all in color or black and white. Fast and reliable, these compact but powerful scanners come with intelligent RTIV™ image capturing software that maximizes the potential of document scanning with precision reproduction and versatile processing. All of this in a quiet, space saving design that will fit comfortably in most front-office environments — even tight counter-tops and reception areas. The KV-S1025C/KV-S1020C from Panasonic — the ideal front-office document filing solution.



**Desk Side** Sleek and feature-rich, the KV-S1025C/KV-S1020C can easily be set up on your desktop or at your desk side for convenient access and maximum efficiency. Not only can you scan standard color business documents, but also business cards, multi-part forms, heavy-stock or thick originals, and even documents of different sizes and thicknesses can all be scanned at the same time — smoothly and easily.



## Reception

The KV-S1025C/KV-S1020C's small footprint allows it to conveniently fit into small spaces, such as reception counters. And since small, thick documents such as ID cards or credit cards can be scanned continuously, you can electronically capture the card's data providing increased accuracy and a more efficient process. These powerful scanners can even combine paper documents; such as registration forms, records and signed releases, with a hard ID card in a single scan.

## Versatile applications



### No need to pre-sort Auto Color/Monochrome Distinction

Thanks to Auto Color/Monochrome Distinction, you can mix color and monochrome (B/W) originals at the same time for greater efficiency and reduced data storage.

### Reduced storage space Blank Page Removal<sup>\*2</sup>

Blank pages are automatically deleted during scanning to keep the scanned file size to a minimum. This allows you to scan a batch of documents that include blank pages without the need to eliminate them during a pre-sorting process.

<sup>\*2</sup> Duplex scanning function works KV-S1025C only

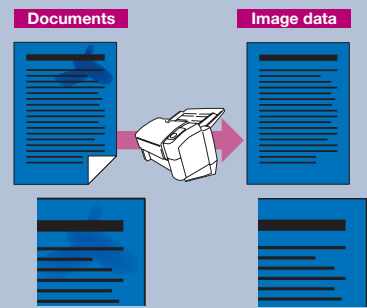
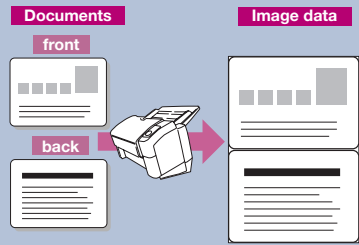
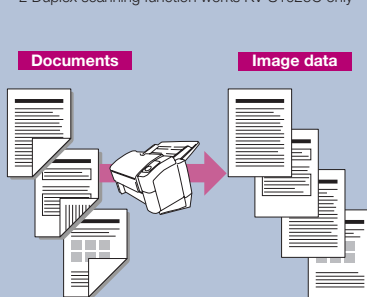
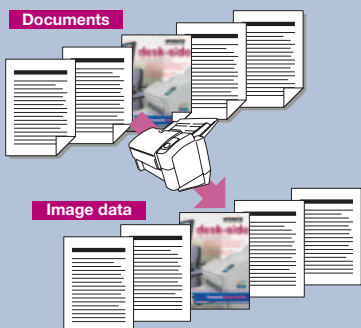
### Two-in-one convenience Double Exposure<sup>\*3</sup>

Double Exposure automatically scans then saves two-sided documents into a single page file; ideal for ID cards such as driver's licenses and insurance cards, as well as checks and receipts.

<sup>\*3</sup> This function is only available on the KV-S1025C.

### No more fuzzy background Smooth Background

Smooth Background analyzes images at scan time for background color content and outputs images with the background color solidified. It increases viewing clarity and reduces JPEG output file size.



# High Speed Color Scanning

## 26 ppm/52 ipm High Speed Duplex\*1 Scanning

Despite its compact size, the KV-S1025C is ready to scan full-color double-sided originals at a high speed of up to 26 ppm/52 ipm. Thanks to its high-resolution 3-Line Color CCD and advanced image processor, these scanners quickly create clean, crisp, clear and safe digital documents for your electronic filing and content management needs.

\*1 KV-S1025C only



## Mixed Documents & Multiple ID Card Feeding

Many different types of documents can be scanned thanks to the scanner's advanced automatic document feeder and feed roller system. In fact, multiple documents with thicknesses ranging from 11 lb to 55 lb bond and up to 115 lb index (40 g/m<sup>2</sup> to 209 g/m<sup>2</sup>) can be scanned at the same time. And these scanners were designed to be able to combine paper documents along with a hard ID card; such as a driver's license, in single batch. You can even scan a stack of hard cards, including embossed cards continuously via the auto document feeder.



## Double-Feed Prevention Roller System

While some scanners emphasize double-feed paper detection, Panasonic's emphasis is double-feed prevention. A newly developed roller material and document feed mechanism effectively prevents most paper jams and double-feeding. And should a feeding error occur, sensors are incorporated to detect the error and warn the operator.



## Easy Maintenance

Designed for the business environment, its clam-shell design makes it easy for the operator to clean and maintain. And when the long-life rollers are in need of replacement, they can be exchanged in seconds. It even incorporates a replaceable lens cover to keep potential service costs to a minimum. And it's backed by Panasonic's limited 1-Year Advance Exchange Warranty.



## Advanced Imaging

Thanks to a 3-line color CCD (charge-coupled device) image sensor with wide-range focusing capability and a high-performance, long-life fluorescent lamp, documents can be clearly imaged and scanned at high resolution. With the KV-S1025C's dual CCD image sensors, both sides of the document are captured simultaneously, effectively doubling its speed.

## On-board Image Enhancement Technology

Panasonic has developed a new generation and highly integrated ASIC (Application Specific Integrated Circuit) which is combined Image Input, Image Correction, Image Processing and Image Output. This architecture enables advanced imaging functionality to reside inside the scanner. The result is a powerful set of on-board image processing capabilities in a very compact design.

## Automatic Application Launcher

At the touch of a button or simply by inserting a document into the feeder, the scanner can be configured to automatically launch one or more document capture software applications including Panasonic's RTIV utility. How much easier can it be?

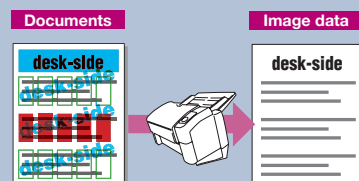
## Auto Erasure Security

Security is a key concern for many businesses, institutions and government agencies. That's why Panasonic has incorporated a technology that automatically erases the scanned data stored in its image memory.

### Pre-printed form scanning

#### Multi Color Dropout

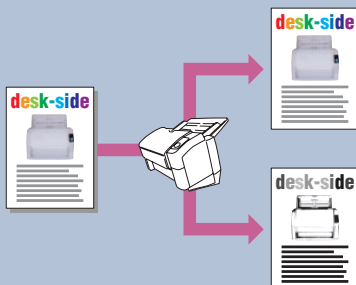
With Multi Color Dropout, you're no longer limited to removing only reds, greens and blues from pre-printed forms. Any color or color range can be selected for removal for more accurate OCR processing. And you're not limited to only one color — you can select up to three or even drop all colors saving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



### Single pass for dual output

#### MultiStream™

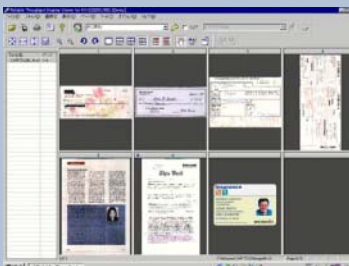
The MultiStream™ function generates both color and monochrome scanned data with a single scan. You can produce binary data for OCR (optical character reader) and save in color at the same time. This effectively doubles the scanner's output to 52 ppm/104 ipm.



### No post-processing

#### Auto Color Cropping/ De-Skew

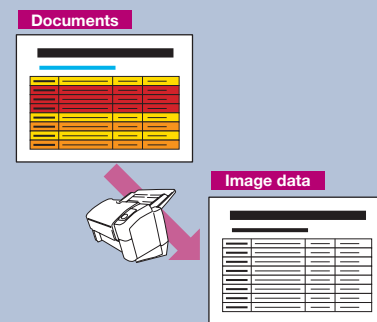
Documents of various sizes can be scanned without having to pre-sort the documents by paper size. Auto Color Cropping crops the scanned image to its actual size while Auto De-Skew automatically corrects skewing. No need for post-processing or re-scanning.



### Readability and accuracy

#### Dynamic Threshold

With the Dynamic Threshold function, the background density is automatically detected section by section and the scan setting (brightness control) is automatically adjusted for clearer results as well as OCR accuracy.



## KV-S1025C/KV-S1020C Specifications

Scanning Face	Duplex (KV-S1025C), Simplex (KV-S1020C) Sheet Feed Scanning
Scanning Method	3-Line Color CCD with white fluorescent lamp
Scanning Speed*1 (Letter, Portrait)	Binary 200 dpi Up to 26 ppm/52 ipm (KV-S1025C) Up to 26 ppm (KV-S1020C)
	Color 200 dpi Up to 26 ppm/52 ipm (KV-S1025C) Up to 26 ppm (KV-S1020C)
Optical Resolution (Color and B/W)	100 - 600 dpi (1dpi step)
Automatic Detection	Double feed detection, Document feeder detection, Page length detection
Image Compression	Grayscale JPEG Color JPEG
Image Output	Binary, Gray scale, Color, MultiStream™ (Color & Binary or Gray & Binary)
Binary Mode Halftone	Dither, Error Diffusion
Image Control	Auto Binary/Color Distinction, Multi Color Dropout, Black Page Removal, Double Exposure, Smooth Background, Automatic Cropping and De-skewing, Dynamic Threshold, Automatic White Level from Paper, Image Emphasis (5 steps), Gamma Correction, Automatic Separation, Noise Reduction, Shadow Removal, Mirror Image, Monochrome Reversing and much more
Other functions	Patch code detection, Control sheet, Separation sheet
Documents*2 Size (ADF)	Minimum 1.9" x 2.8" (48 mm width x 70 mm) length Maximum 8.6" width x 101.6" (216 mm x 2,540 mm) length
Weight	Single 11 - 55 lb bond (40 - 209 g/m <sup>2</sup> ), Up to 115 lb index Continuous 11 - 55 lb bond (40 - 209 g/m <sup>2</sup> ), Up to 115 lb index
Thickness	Single 11 - 55 lb bond (40 - 209 g/m <sup>2</sup> ), Up to 115 lb index Continuous 11 - 55 lb bond (40 - 209 g/m <sup>2</sup> ), Up to 115 lb index Card Up to approx. 1/32" (0.76mm) in thickness + embossing (ISO standard 7810 ID-1 card scanning including embossed card)
Automatic Document Feeder	Up to 50 sheets (20 lb, 80 g/m <sup>2</sup> ), 3 hard cards (ISO 7810 ID-1)
Long Paper Mode	Up to 100 inches (2.54 m)
Interface	High-Speed USB 2.0, Up to 480 Mbps transfer rate
Power Requirement	AC 100 - 120 V 50/60 Hz, AC 200 - 240 V 50/60 Hz
Power Consumption	Scanning mode 32 W (KV-S1025C), 24 W (KV-S1020C) Idle mode 22 W (KV-S1025C), 14 W (KV-S1020C) Sleep mode Less than 12 W (KV-S1025C, KV-S1020C)
Operating Environment	Temperature 59°F - 86°F (15°C - 30°C) Humidity 30% RH to 80% RH
Storage Environment	Temperature 32°F - 95°F (0°C - 35°C) Humidity 10% RH to 80% RH
External Dimensions*3	Without Stand 12.3" x 6.7" x 7.6" (312 mm x 170 mm x 191 mm) With Stand 12.5" x 7.8" x 8.6" (317 mm x 196 mm x 218 mm)
Weight*3	KV-S1025C: Approx. 9.3 lb (4.2 kg with stand) KV-S1020C: Approx. 9.1 lb (4.1 kg with stand)
Accessories	CD-ROM (2 CDs): Drivers and Utilities for Windows Driver software ISIS® (AIIIM MS161S standard)/TWAIN Application software RTIV, Quick Scan Pro DEMO, ABBYY® FineReader 7 Professional Feed Tray, Mixed batch card guide (Pre-installed), AC adaptor & Power Cord, USB Cable
Options	Roller Exchange Kit KV-SS030 (Double-feed prevention roller x 2, Paper feed roller x 1) Double-feed prevention roller: 50,000 sheets life Paper feed roller: 100,000 sheets life Roller Cleaning Paper KV-SS03
System Requirements	Computer IBM® PC/AT or compatible PC with a CD-ROM drive CPU Pentium® III 1 GHz or Higher Interface High-Speed USB 2.0 Operating System Windows® 2000/XP Memory 256 MB or more Hard Disk Min. 200 MB free space (except for data file)

\*1: The scanning speed depends on the test environment.

The scanning speed differs depending on the host computer operating environment or application.

\*2: "Weight in pounds" of paper represents the weight of 500 (17 x 22 inches/432 x 559 mm) sheets.

\*3: Dimensions and weight are approximate.

ENERGY STAR® and the ENERGY STAR® certification mark are registered US marks.

ABBYY is a registered trademark of ABBYY Software House  
RTIV™ is a trademark of Matsushita Electric Industrial Co., Ltd.  
MultiStream™, ISIS® and ISIS-Certified™ are trademarks of Pixel Translations, a division of EMC Corporation.

Windows® is a registered trademark of Microsoft Corporation.  
All other brand or product names are the property of their respective holders.

Design and specifications are subject to change without notice.

## Dimensions

(Including attached stand)



As an ENERGY STAR® partner, Panasonic has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

## ISO 9001 Quality Management System

Our business processes which produce document, information and network products, from manufacturing to marketing, conform to ISO 9001 Quality Management Systems standard. Design, development, manufacture, installation, repair and maintenance of document, information and network products, their associated devices and consumables. In addition, the plants outside Japan have acquired ISO 9001 certification.



# Panasonic®

Panasonic Digital Document Company

Unit of Panasonic Corporation of North America

One Panasonic Way, Secaucus, NJ 07094

For a local dealer, please call 1-800-742-8086



MG-C472US 0604 Printed in Japan