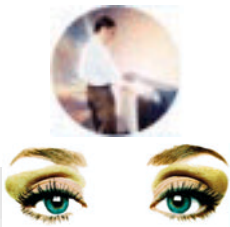


# VIDAR SELECT 25/36

WIDE FORMAT SCANNERS



## SELECT 25" / 36" - Model BASE and PLUS

Wide Format Scanners

### SCANNING

- Two different sizes for different scanning needs
- Upgradeable from monochrome to color
- Crisp, clear black-and-white scanning
- Photo-realistic vivid colors on PLUS models
- All-Wheel-Drive with contour adjustment
- Thick originals – up to 0.6"
- USB Plug and Play connectivity
- 3C Automatic Maintenance System

### COPYING

- Perfect reproduction of grayshades
- Color matching to printer & media (PLUS models)
- Built-in Basic calibration – black-and-white points
- Built-in Precision Color calibration (PLUS models)

### SELECT 25" / SELECT 36"

The Vidar SELECT 25" / 36" wide-format scanners incorporate the latest in imaging technology for high-quality full scanning and copying. The SELECT 25" / 36" scanner line offers models in two different scan widths, each designed to fulfill the needs of specific industries. The SELECT 25" / 36" scanners are designed to introduce professionals to wide format document scanning at a highly affordable price while keeping their options open.

The SELECT 36", with its full A0/E-size imaging area, handles large color posters, architectural sketches, detailed maps, drawings and fine art. This scanner offers a cost-effective solution for reprographics, graphic arts, GIS and CAD professionals worldwide. Comes in BASE monochrome and PLUS color models.

The SELECT 25" is a compact scanner that fits in any office. This is a perfect device for creating in-house graphics and impressive presentations right off the desktop. With the SELECT 25", graphics and designer firms can scan and copy full sized prototypes for packaging, advertisements and trade show decorations. Comes in BASE monochrome and PLUS color models.

A SELECT 25" / 36" scanner will return your investment many times by bringing home all you need in wide format scanning.



 The Image of Reliability.

# SELECT 25" / SELECT 36" Wide Format Scanners

## UPGRADEABLE FROM MONOCHROME TO COLOR

The SELECT 36" BASE and SELECT 25" BASE monochrome scanners can easily be upgraded to their respective SELECT PLUS color models through the Smart Card Upgrade Kit enabling users to gain quality color scanning capabilities without suffering the heavy cost of a whole new device. Now small companies get a chance to enjoy wide format document scanning at a low budget risk with a scanner that can grow with their business.

## MONOCHROME SCANNING AND COPYING SUPERIORITY

The SELECT scans graytones at 12 bits passing on the best 8 bits to the computer for high grayshade precision. The SELECT scanners use All-Digital cameras with on-board digital conversion ensuring minimum noise and an extended dynamic range. These scanners support the latest in monochrome scanning technology with Dual 2D-Adaptive enhancement that works simultaneously on foreground, background, edges and other individual aspects of the original so you produce clean, crisp scans even from poor quality drawings.

Dual 2D-Adaptive processing is the only pixel level cleanup of its kind in the industry today. 2D-filters for graytone sharpening, softening and blur provide excellent results with difficult originals. For monochrome copying on 25" printers, ADL+ error diffusion halftoning will reproduce your B/W and graytone originals with all the shades of gray intact. The SELECT can scan up to 0.6-inch (15mm.) thick originals such as posters mounted on foamboards, gatorboards etc.

## VIVID COLORS WITH THE SELECT 25" / 36" PLUS

The high-end SELECT 36" and 25" PLUS models pack all the monochrome capabilities of the SELECT 36" and 25" BASE models but can in addition create images in vivid photo-realistic colors. Color is captured at 36 bits for maximum color precision, passing the best 24 bits of color data to the computer. Real time color correction and 2D-filters for color sharpening, softening and blur provide superior results with a wide variety of images. Connect the SELECT 36" or 25" PLUS scanner to a large-format color printer and you get the perfect digital color copier. The scanner's high precision of details and colors lets you enlarge your creations to full display sizes without losing quality. Quality color matched fluorescent lamps ensure the market's highest standards for color correctness.

## ONE TOUCH SCANNING

The SELECT 25" / 36"'s operator's panel is designed with convenient programmable action buttons for initiating common tasks directly from the scanner.

## CARE FOR YOUR ORIGINAL

The All-Wheel-Drive with contour adjustment and precision rollers ensures a perfectly straight scanning path without using unnecessary force so you avoid both image distortion and damage to your customer's fragile originals. Dual shared axels synchronize roller movement to ensure a straight and stable scan path. Suspension components apply pressure evenly across the whole width of the document for an optimal yet delicate hold. The roller's soft-friction contact surface adds the final touch to a system that cares for your original and for your scan results.

## PLUG AND PLAY (PNP) USB CONNECTIVITY

The SELECT 25" / 36" supports the convenient standard USB connection so you can get your scanner up and running with plug and play ease. With USB connectivity, a company can share the scanner between users and computers without installing extra hardware. Vidar scanners protect your investment with support for STI (Still Image Interface) ensuring problem-free compatibility with current and future versions of Windows.

## PRECISION COLOR ON THE SELECT 25" / 36" PLUS MODELS

A new wide format scanner may come calibrated from the factory, but as time goes by, components and lamps will change character and affect color output. With a Vidar scanner, your investment is fully protected and you need not worry about degradation. The unique Precision Color system lets you calibrate in the field at any time ensuring stable and predictable color output. The SELECT 25" / 36" PLUS models are calibrated to both sRGB and NTSC color spaces using an ANSI IT8 calibration target. Furthermore, the automatic black-and-white point monitoring allows users to get an optimal dynamic range of color fidelity tailored to the actual scanned original.

## AUTOMATIC SCANNER MAINTENANCE

The SELECT scanners incorporate the 3C Auto-Maintenance system that keeps your cameras perfectly aligned, adjusted and calibrated for optimal image quality. The process is automatic - just insert the maintenance sheet and click the wizard's start button.

The 3C Auto-Maintenance system aligns and stitches the scanner's cameras to a fraction of a pixel giving the highest wide format image precision available. Basic-Calibration sets black-and-white points on each individual pixel and ensures linearity in both highlight and shadow areas giving noise-free and stable scans at all resolutions.

On the PLUS models, Precision Color calibration completes the 3C Auto-maintenance system process.

Once the scanner has been fine-tuned, it performs a number of basic tasks on its own, removing those tedious chores required with other scanner systems. Using patented technology, camera stitching and black-white-points are constantly monitored and corrected while your scanner is running. Vidar scanners are designed to let you concentrate on your work and take optimal scanner performance for granted.

## ADVANCED POWER MANAGEMENT

Running with the right internal temperature is of utmost importance when doing high-quality scanning through sensitive CCDs. The SELECT 25" / 36" scanners have Advanced Power Management that rapidly brings the scanner to its optimal working temperature, after which the temperature is monitored and held at a minimum level ensuring low CCD noise. The Advanced Power Management system also lets users leave the scanner in low-power mode and program it to power up automatically before they arrive at work so the scanner is ready to scan right away.

Distributor:

Dealer:



# SELECT 25" / SELECT 36" Wide Format Scanners

The SELECT 25" / 36" BASE and PLUS scanner models differ in performance from entry level to high-end. The BASE scanner models can easily be upgraded to the PLUS scanner models through the Smart-Card Upgrade Kit.

SELECT 25" / SELECT 36" Wide Format Scanner Models		BASE	PLUS
<b>Maximum Resolution</b> (software dependent): (in dpi)		800	2400
<b>Optical Resolution:</b> (in dpi)		424	424
<b>Variable Resolution Setting:</b>	from 50 dpi in one dpi increments	√	√
<b>Scanning Speed inch./sec.:</b>	(400 dpi turbo, 24-bit RGB)	-	0,3"/s (A1)
		-	0,2"/s (A0)
	(400 dpi turbo, 8-bit Index)	-	0,8"/s (A1)
	(400 dpi turbo B/W)	-	0,5"/s (A0)
<b>Media Maximum Width:</b>	43" (1092 mm.)	Select 36	Select 36
	28" (711 mm.)	Select 25	Select 25
<b>Maximum Thickness:</b>	0.6" (15 mm.)	√	√
<b>Scan Width:</b>	36" (914 mm.), Scan Length: not limited by scanner	Select 36	Select 36
	36" (914 mm.), Scan Length: not limited by scanner	Select 25	Select 25
<b>Digital Image Processing embedded in hardware:</b>	Dual 2D-Adaptive Enhancement	√	√
	Dual 2D-Adaptive Gray	√	√
	ADL+ Error Diffusion Halftoning	√	√
	2D-Adaptive Thresholding	√	√
	2D-Sharpening, 2D-Softening and 2D-Blur Filter	√	√
	Color Feature Extraction	-	√
<b>Scan Modes:</b>	24 bit color	-	√
	8 bit Feature extraction / Indexed color	-	√
	8 bit Graytone	√	√
	Copy modes with grayshades	√	√
	1 bit black-and-white	√	√
	B/W Dual 2D-Adaptive Modes	√	√
<b>Color Adjustment:</b>	3x3 matrix multiplier	-	√
	Independent RGB tone curves (Gamma)	-	√
	Independent black-and-white point setting	-	√
<b>Color Space:</b>	NTSC	-	√
	sRGB	-	√
<b>3C Auto-Maintenance System:</b>	Auto alignment to fraction of pixel	Select 36	Select 36
	Auto stitching to fraction of pixel	Select 36	Select 36
	Basic calibration	√	√
	Precision Color calibration	-	√
	Auto monitoring and correction (stitching, black-and-white point)	√	√
<b>Sensors:</b>	Double tri-linear color CCDs	Select 36	Select 36
	Single tri-linear color CCD	Select 25	Select 25
	21.360 pixels (RGB triplets)	Select 36	Select 36
	10.680 pixels (RGB triplets)	Select 25	Select 25
	36 bits of color data capture	-	√
	12 bits of graytone data capture	√	√
	All-Digital cameras	√	√
<b>One Touch Scanning:</b>		√	√
<b>Advanced Power Manager:</b>	Temperature control	√	√
	Low power mode	√	√
	Programmable power up timer	√	√
<b>All-Wheel-Drive:</b>	Contour adjustment	√	√
	Precision rollers	√	√
<b>Light Source:</b>	Color matched fluorescent lamps – Color Rendering Index (CRI) > 95	√	√
<b>Optics:</b>	Torsion stabilized for portability	√	√
<b>Interface:</b>	USB 1.1	√	√
	STI (Still Image Interface) support	√	√
<b>Dimensions:</b>	52.9" wide x 7.3"high x 18.3"deep (1342 x 185 x 465 mm.), Weight: 57 kg	Select 36	Select 36
	38.9" wide x 7.3"high x 18.3"deep (972 x 185 x 465 mm.), Weight: 40 kg	Select 25	Select 25
<b>Power:</b>	110/220/240V, 60/50cs, 180W	√	√
<b>Scanner Maintenance Kit (Included):</b>	Maintenance software, Maintenance sheet	√	√
<b>Copy Kit (Optional):</b>	Mount for PC and touchscreen (floor stand required)	√	√
<b>Floor Stand (Optional):</b>	Includes document basket	√	√
<b>Thick Media Support Table (Optional):</b>	Floor stand required	√	√
<b>Host Platforms:</b>	Windows 98, 98SE, ME, 2000, XP with USB	√	√

Distributor:

Dealer:

