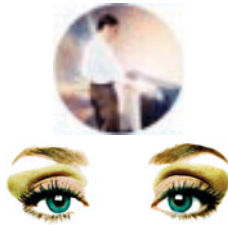


VIDAR SELECT M 36

WIDE FORMAT MONOCHROME SCANNERS



SELECT M 36" - Model BASE and PLUS

Wide Format Monochrome Scanners

SCANNING

- Quality large format monochrome scanning at an affordable price
- Crisp, clear black-and-white
- Advanced Image enhancement features
- 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
- 2D-Sharpening/Softening/Blur
- Built-in Basic calibration – black-and-white points

SELECT M 36"

The Vidar SELECT M 36" scanners are designed to give professionals the very best in large format monochrome scanning. The scanner's 36" imaging area handles large engineering drawings, architectural sketches, blueprints, sepias, detailed maps and drawings. The SELECT M 36" scanners offer top-level image quality at bottom-level prices, making them the perfect cost-effective solution for CAD, AEC and GIS professionals in large and small businesses.

 The Image of Reliability.



SELECT M 36 – Wide Format Monochrome Scanners

ONE TOUCH SCANNING

The SELECT M 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.

IMAGE ENHANCEMENT POWER

The SELECT M 36's on-board real time 2D-filters for sharpening, softening and blur provide superior results with a wide variety of input images. The SELECT M 36 supports 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. All processing is embedded in the hardware enabling you to perform powerful image enhancement without overhead and at speeds incomparable to standard software processing.

COPYING MADE EASY

Connect the VIDAR SELECT M 36 scanner with a large-format printer and you get the perfect large format monochrome digital copier. With the scanner's high precision of details and graytones, users can enlarge their creations to full display sizes without losing quality. Dual 2D-Adaptive enhancement and ADL+ error diffusion halftoning produce reliable copies of drawings and photos in which even subtle differences between shades of gray are maintained in the printed output. The SELECT M 36 is the perfect input device for copying of complex drawings and maps in only a few minutes. Use the optional Copy Kit to mount your PC and touchscreen directly on the scanner. Attach your large-format printer and create a convenient copy configuration that is always ready to use.

PLUG AND PLAY (PNP) CONNECTIVITY

The SELECT M 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.

CALIBRATION

A new wide format scanner may come calibrated from the factory, but as time goes by, components and lamps will change character and affect output. With a Vidar scanner, your investment is fully protected and you need not worry about degradation. 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. Basic calibration also reduces the unwanted effects caused by dust particles when scanning at high resolutions.

AUTOMATIC SCANNER MAINTENANCE

The SELECT M 36 scanner incorporates 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 your cameras to a fraction of a pixel giving the highest wide format image precision available.

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 M 36 scanner has 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 M 36 – Wide Format Monochrome Scanners

The two SELECT M 36" scanner models differ in performance from entry level to high-end and can be easily upgraded with new features for future requirements through the Smart-Card Upgrade Kit.

SELECT M 36 Wide Format Monochrome Scanner Models		BASE	PLUS
Maximum Resolution (software dependent):	(in dpi)	600	800
Optical Resolution:	(in dpi)	424	424
Variable Resolution Setting:	from 50 dpi in one dpi increments	√	√
Scanning Speed inch./sec.:	(400 dpi turbo, B/W)	1.5"/s	3.0"/s
Media Maximum Width:	43" (1092 mm.)	√	√
Maximum Thickness:	0.6" (15 mm.)	√	√
Scan Width:	36" (914 mm.), Scan Length: not limited by scanner	√	√
Digital Image Processing embedded in hardware:	Dual 2D-Adaptive Enhancement	√	√
	Dual 2D-Adaptive Gray	√	√
	ADL+ Error Diffusion Halftoning	√	√
	2D-Sharpening, 2D-Softening and 2D-Blur Filter	√	√
	2D-Adaptive Thresholding	√	√
Scan Modes:	8 bit Graytone mode for 256 gray levels	√	√
	1 bit black-and-white mode	√	√
	Copy modes with grayshades	√	√
	B/W Dual 2D-Adaptive Modes	√	√
	Auto alignment to fraction of pixel	√	√
3C Auto-Maintenance System:	Auto stitching to fraction of pixel	√	√
	Basic calibration	√	√
	Auto monitoring and correction (stitching, black-and-white point)	√	√
		√	√
Sensors:	Double Tri-linear CCDs	√	√
	21.360 pixels	√	√
	12 bits graytone data capture	√	√
	All-Digital cameras	√	√
One Touch Scanning:		√	√
Advanced Power Manager:	Temperature control	√	√
	Low power mode	√	√
	Programmable power up timer	√	√
All-Wheel-Drive:	Contour adjustment	√	√
	Precision rollers:	√	√
Light Source:	Color matched fluorescent lamps – Color Rendering Index (CRI) > 95	√	√
Optics:	Torsion stabilized for portability	√	√
Interface:	USB 1.1	√	√
	STI (Still Image Interface) support	√	√
Dimensions:	52.9" wide x 7.3"high x 18.3"deep (1342 x 185 x 465 mm.), Weight: 57 kg	√	√
Power:	110/220/240V, 60/50cs, 180W	√	√
Scanner Maintenance Kit (Included):	Maintenance software, Maintenance sheet	√	√
Copy Kit (Optional):	Mount for PC and touchscreen (floor stand required)	√	√
Floor Stand (Optional):	Includes document basket	√	√
Thick Media Support Table (Optional):	Floor stand required	√	√
Host Platforms:	Windows 98, 98SE, ME, 2000, XP	√	√

Distributor:

Dealer:

