

SELECT MP 36" - MODEL BASE AND PLUS Wide Format Monochrome Scanners

SCANNING

- Quality large format monochrome scanning at an affordable price
- Crisp, clear black-and-white
- 14 bit graytone capture for perfect reproduction of grayshades
- Advanced Image enhancement features
- All-Wheel-Drive with contour adjustment
- Thick originals – up to 0.6"
- 3C Automatic Maintenance System
- Flexible connectivity - FireWire Plug 'n' Play and SCSI

COPYING

- Perfect reproduction of grayshades
- 2D-Sharpening/Softening/Blur
- Built-in Basic calibration – black-and-white points

SELECT MP 36"

The Vidar SELECT MP 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 MP 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.

SELECT MP 36" – Wide Format Monochrome Scanners

Scanning Superiority

This professional scanner meets all your wide-format scanning needs with high-quality grayscale and crisp, clear black-and-white. The scanner's 36" imaging area captures originals up to A0/E-size and thus accommodates all your large format scanning requirements.

An image depends on its many graytones to bring out details and give it depth. On the SELECT MP 36" scanner, graytones are captured at 14 bits for maximum precision, passing the best 8 bits of graytone data to the computer.

The SELECT MP 36" scanner uses All-Digital cameras with advanced point-of-origin capture and on-board digital conversion ensuring minimum noise and an extended dynamic range. The scanner's unique four-linear CCD technology, with a special panchromatic line, ensures that no colors are lost when scanning monochrome. The SELECT MP 36" can scan up to 0.6-inch (15mm.) thick originals such as drawings and maps mounted on foamboards, gatorboards etc.

One Touch Scanning

The SELECT MP 36" scanner'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 MP 36" scanner's on-board real time 2D-filters for sharpening, softening and blur provide superior results with a wide variety of input images. The SELECT MP 36" scanner 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 SELECT MP 36" scanner to 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.

Flexible Connectivity

The SELECT MP 36" scanner lets you fit the connection to your immediate needs by offering two interface options - the highly efficient and convenient Plug and Play (PnP) FireWire connection and the industry standard SCSI interface. With the FireWire interface you can get your scanner running with plug-and-play ease while achieving optimal scanning speed. FireWire can accommodate 400 megabits per second, which is highly effective for high volume scanning of large formats. The standard SCSI connection can be used for computers without FireWire support.

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 stabile scans. Basic calibration also reduces the unwanted effects caused by dust particles when scanning at high resolutions.

Automatic Scanner Maintenance

The SELECT MP 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. 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. 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 MP 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.