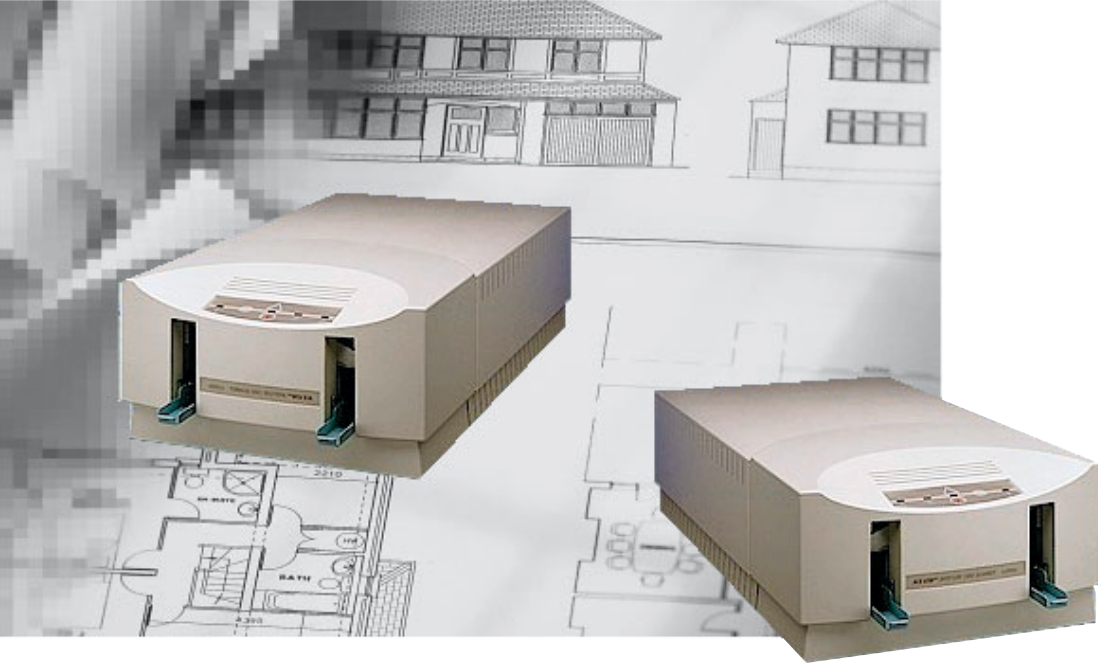


VIDAR ACS 4x00

APERTURE CARD SCANNERS



ACS Monochrome - Model 4100 and 4200 Aperture Card Scanners

ACS MONOCHROME

- 2D-Adaptive Thresholding
- High-quality grayscale
- Crisp, clear black-and-white
- High volume scanning

APERTURE CARD SCANNERS

The Vidar ACS Aperture Card Scanners are monochrome scanners for microfilm mounted on aperture cards. They are cost effective solutions for fast, high volume scanning and workstation engineering. The Aperture Card Scanners are available in either built-in automatic card feeder or single card feed models.

 The Image of Reliability.



ACS Monochrome – Aperture Card Scanners

SCANNING SUPERIORITY

The ACS scanners automatically digitize drawings from E-Size/A0 to Asize/A4 stored on aperture cards, and oversizes up to 59"x44", with reduction ratios from 37x to 7.5x. The punched Hollerith code in the cards can be used for automatic drawing size selection and file naming.

You select the right resolution - 400, 300, 240, 200, 150, 100, 75 or 50 dpi as measured on the unreduced document to match your requirements and storage capabilities. The scanners create raster files, with more than 50 formats selectable, compatible with virtually all third party software.

The ACS scanners are very fast, scanning up to 300 cards/hour, depending on the size of the unreduced document on the card. A typical D-size CAD drawing directly to RLC format takes 19 seconds at 200 dpi.

IMAGE ENHANCEMENT POWER

The reliable and effective ACS scanners reproduce your images in high quality grayscale and crisp, clear black-and-white. The ACS scanners use fast and reliable monochrome image enhancement techniques.

The Aperture Card Scanners support automatic enhancement features. 2D-Adaptive Thresholding is performed in real time with the hardware embedded Digital Signal Processor. The adaptive processing automatically compensates for varying background, faded areas and stains.

The ACS scanner will give you clean crisp scans and printouts even from poor quality originals.

Take image enhancement even further with speckle removal and holefilling performed on-the-fly as you scan. Electronic deskew lets you automatically align your image for perfectly horizontally-aligned drawings.

When scanning with 256 graytone levels, you can interactively adjust brightness and contrast on-line.

The two ACS scanner models come in either manual feed or automatic feed versions.

ACS Aperture Card Monochrome Scanner Models		4100	4200
Card Feeding:		Manual Single Card	Automatic 100 Cards
Aperture Cards:	MIL, ISO & DIN standards* Silver and Diazo Film Odd or Even generation copies	√ √ √	√ √ √
* MIL-C-9877B, MIL-C-9949, MIL-D-9868, ISO 3272 and DIN 9052.			
Punched Card Reader:	Reads Hollerith code for automatic scaling and file naming	√	√
Maximum Resolution:	(in dpi)	400	400
Selectable Resolutions:	50, 75, 100, 150, 200, 240, 300, 400	√	√
Reduction Ratios Presets:	37x, 36x, 30x, 24x, 21.2x, 16x, 15x, 10.5x, 7.5x	√	√
Variable Reduction Ratios:		√	√
Scanning Speed:	Scans a typical D-size drawing at 200 dpi in ...	19 seconds	19 seconds
Digital Image Processing:	Interactive Threshold Setting	√	√
	2D-Adaptive Thresholding	√	√
	Dynamic Line Enhancement	√	√
	Deskewing and Despeckling	√	√
Scan Modes:	8 bit graytone	√	√
	1 bit black-and-white	√	√
Sensors:	Configuration of CCDs	Single	Single
	Pixels	8.000	8.000
Light Source:	Stabilized halogen lamp	√	√
Optics:	Apochromatic lens	√	√
Interface:	SCSI-2	√	√
Dimensions:	13" wide x 7.9"high x 23.6"deep (330 x 200 x 600 mm.), Weight: 25 kg	√	√
Power:	110/220/240V, 60/50cs, 180W	√	√
SCSI Interface board (Included):		√	√

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