

The Millennium DS Image scanners provide versatile high speed, high quality document scanning in a small foot-print desktop page scanner. These workhorse document scanners offer an unmatched combination of price and performance. The addition of a high speed USB port now allows you connect Millennium scanners to a PC without any interface card. You can still connect via SCSI-2 if desired without any loss in scanning speeds. Both interfaces are standard with all Millennium DS Series scanners.

The Millennium DS scanners are the ideal scanners for high volume processing with speeds up to 90 pages / 180 images per minute. The Millennium DS scanners are based on the proven rugged architecture of the other VisionShape High Speed document scanners. They feature a jam-resistant straight-through paper path that ensures reliable scanning. Easy access to the entire mechanism for maintenance is available through a front door panel. In addition to the new camera, the Millennium series include an integrated autofeeder, 200-400 dpi resolution, can handle up to 12 inch wide documents, a simple LCD control panel, and infrared based double feed detection. A 3 year warranty is also standard and on-site service is available nationwide.

The new DS Series Image scanners incorporate a completely redesigned camera using components available in very high-end production document scanners several times more expensive than these models. A key feature is our *VisionACE II* image enhancement technology which removes unwanted backgrounds even on multi colored documents, and can resolve data that is virtually invisible to the naked eye. Perfect for OCR, forms processing and other work that requires high quality imaging.

Millennium document scanners will soon be available with the new NoReScan module with eliminates the need to rescan poorly contrasted documents. NoReScan automatically detects poorly contrasted images and corrects it by selecting the best image for OCR, archival or both.

Specifications:	DS-60	DS-90	DS-120
Image Resolution	200-400 dpi	200-400 dpi	200-400 dpi
Simplex Speed: landscape mode at 200 dpi * at 240 dpi * at 300 dpi * at 400 dpi * **portrait	66 pages/min 52 pages/min 43 pages/min 34 pages/min 26 pages/min	90 pages/min 76 pages/min 64 pages/min 51 pages/min 38 pages/min	135 pages/min in 107 pages/min 89 pages/min 71 pages/min 53 pages/min
Duplex Speed	132 image/min	175 image/min	no duplex
Key features	Tri-Bus Interface VisionACE II	Tri-Bus Interface VisionACE II	Tri-Bus Interface VisionACE II

	Image Processing Standard double feed detector	Image Processing Standard double feed detector	Image Processing Standard double feed detector
Minimum page size	3 x 5 inches 7,5 cm x 12,5 cm	3 x 5 inches 7,5 cm x 12,5 cm	3 x 5 inches 7,5 cm x 12,5 cm
Maximum page size	11.81 x 17 inches 30 x 43,2 cm	11.81 x 17 inches 30 x 43,2 cm	11.81 x 17 inches 30 x 43,2 cm
Standard page sizes	Letter, legal -double letter A5, A4, B4, A3	Letter, legal - double letter, A5, A4, B4, A3	Letter, legal - double letter, A5, A4, B4, A3
Recommended Document Weights	16-36 lbs 60 - 120 gr	16-36 lbs 60 - 120 gr	16-36 lbs 60 - 120 gr
Options	red ink drop out pre-scan imprinter	red ink drop out small doc feeder pre-scan imprinter	red ink drop out small doc feeder pre-scan imprinter
Interface support	SCSI II USB	SCSI II USB	SCSI II USB
Image Capture	Stationary CCD 5K	Stationary CCD 5K	Stationary CCD 5K
Image Processing	-Adaptive Threshold -Background Tracking -Edge Sharpening -Single Pixel Patch and Removal	-Adaptive Threshold -Background Tracking -Edge Sharpening -Single Pixel Patch and Removal	-Adaptive Threshold -Background Tracking -Edge Sharpening -Single Pixel Patch and Removal