FLEXVIEW

MICROFILM SCANNER

today's technology simplified

nextScan

Microforms have been the preferred document archival standard since the 1930s. Recently, however, these records are presenting two problems: One, a slow disintegration due to a process commonly known as "vinegar syndrome," and two, a lack of quick access in our digital world.

To preserve these archives and speed up retrieval time, many companies have looked to convert their microfilm records to a digital format but have concerns regarding cost, conversion time and labor.

By leveraging nextScan's industry leading reputation of film scanning technology and engineering, we have developed an ideal solution: The FlexView Scanner.

FlexView offers true archival film scanning and on demand viewing in a low-cost design and fills the market void between digital viewers and high-cost professional grade conversion scanners.

FlexView Advanced Features and Benefits

Compact table top portable design easily integrates into any office environment.

Internal PC with NextStar PLUS Workflow Software

Synchronized strobing LuminTec LED light line illumination system

Tension film path eliminates outside vibrations, prevents film from being overly stretched and provides for unattended high-speed scanning

Exceptionally high-quality image from FlexView's unique line scan camera

Self-cleaning rollers for improved image quality

Innovative, Sleek Hardware Design

FlexView is a compact, full featured, roll film scanner.

Its high-speed line scan camera utilizes automatic features like exposure and gamma adjustment during setup and focusing based on film reduction and image resolution.

- High resolution lens with LuminTec™ Lighting
  - strobed illumination system provides significantly sharper images
- Multiple capture speeds meet user demands
  - 75 FPM • 150 FPM • 300 FPM
- Self-cleaning rollers improve image quality

- Supports all types of roll film
  - 35 MM • 16 MM • 3M Cartridge 16 MM
- Internal Windows 10 PC included

The camera scans your film roll from edge-to-edge and saves it as a single image in ribbon format. This ribbon scanning technique ensures **100% capture of the film surface** without starting and stopping—even at speeds up to 300 FPM. The resulting saved grayscale image recreates the digital version of your physical film roll, affording you instant access to future lookups.

NextStar PLUS Software Offers Increased Efficiency

FlexView uses the same high-performance, labor-reducing software as nextScan's high-end scanners: the **NextStar PLUS** Workflow Software Platform.

As the FlexView scans a film roll, NextStar PLUS software automatically processes the scanned data into a digital **film ribbon.** From here, the raw image is automatically saved to your in-house server or to the **nextScan Ribbon Storage Device (RSD)** as a digital roll.

nextScan scanners do not sacrifice optical resolution or grayscale bit depth to achieve speed. Accurate frame detection means operators spend less time making manual adjustments to frames. This technology, combined with efficient tools for image enhancement, delivers a consistently higher quality product in less overall time.
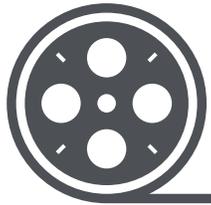
Other software capabilities include:

- Automatic identification of each image/frame in ribbon
- Tri-level blip (image-mark) detection and naming
- Integrated workflow ensures audit operations prior to file output
- Editing functions to Rotate, Mirror, Crop, De-Skew, De-Speckle and Edge Enhance
- Flexible file naming and index file generation capabilities
- OCR processing of the images to automate searches
- Ability to import existing indexes or create new ones as rolls are scanned

"With NextStar PLUS, we are able to automatically scan the entire roll and separate pages faster and more easily. The resulting image quality is twice as good as what we produced prior. Being able to review and modify the images with all of the enhancement features has also increased our throughput on an incredible level."
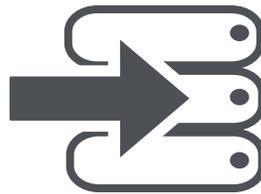*Service Bureau Client*

3 Simple Steps

1. Capture

Scan a roll of film on the FlexView Scanner.

Load the film and quickly capture all the information on the roll of microfilm, end-to-end, in as little as 10 minutes.

2. Store

Save the image of the roll to a dedicated Ribbon Storage Device (RSD) or to your own server.

Quickly perform quality checks of your digital roll of film and save. You are now ready to access the images when and wherever needed via your network.

3. Retrieve

Access a virtual roll of film on any configured network PC.

Browse your digital ribbons as you do today with the roll film. Optionally, OCR the ribbon to conduct word search for quicker results. Share images via email, print outs or other PC file sharing capabilities such as USB.

STORE AND VIEW YOUR MICROFILM COLLECTION

The nextScan Ribbon Storage Device (RSD)

Small. Powerful. Efficient.

There is no simpler or more flexible way to store your newly-converted film than with the nextScan Ribbon Storage Device RSD). This custom pre-configured device speeds up the scanning and retrieval process while at the same time allowing a safe backup of your archived library. Multiple RSD units may be utilized to create redundancy.

nextScan's Virtual Film Archive

Virtual Film is an optional, inexpensive, easy-to-use film storage and retrieval system.

An analog viewer is built into the NextStar PLUS Software so users can browse a virtual film roll, like a conventional microfilm reader/printer. The image is saved to the RSD. There is no requirement to create individual page indexes, detect frames or output the data unless desired.

The digital viewer allows you to go directly to the individual document you're looking for on a roll, thereby cutting the time it takes for retrieval by as much as 50%. Further, because it scans and stores the entire roll as one image, you can use your existing workflow process and index to easily navigate the Virtual Film as you would on a traditional reader/printer.

Virtual Film and the nextScan RSD are perfect for organizations with low film retrieval rates or agencies that need access to film and prefer to convert on demand.

- Output images in your format of choice: PDF, JPEG or TIFF

- Use Virtual Film as a temporary retrieval system during full scale conversion

- No requirement to index individual images, saving labor costs

- Full grayscale film preservation, meaning you can edit and output images on demand

- Post-scan grayscale adjustment to correct any poor-quality images

- Options available for full text search across your entire film library

- Supports creating permanent or temporarily redacted images with multiple levels of viewing security

Contact nextScan Today

Learn more about this truly flexible archival microfilm production scanner or another nextScan product that best suits your needs.

nextScan strives to meet customer needs through investing in technological advances to optimize image quality and workflow efficiency. FlexView components can be selected and added as needed, with various production hardware and software options.

Product Specifications

Scanner Speed (200 DPI, 24x)
FlexView 150 — 19:47 minutes per roll; FlexView 300 — 9:53 minutes per roll

Ribbon Storage Device (RSD)
Pre-configured 4, 8 and 12 TB Ribbon Storage Device for simultaneous output and capture

OS and Hardware
Windows 10 (64 bit Operating System)

Reduction Ratio and Resolution
Native optical resolution without scaling of image:
Scanner resolution on film — up to 14499DPI; 24x Reduction Ratio — up to 640DPI; 48x Reduction Ratio — up to 320DPI

Camera and Lighting System
Proprietary LuminTec Stroboscopic LED illumination system
High-quality Rodagon 80 mm diffraction limited lens
8/10/12 bit CCD array; 8192 pixel CCD

Film Sizes
16 and 35 mm

Film Types
Vesicular, Blue and Black Diazo, Silver, Simplex, Duplex, Duo, COM, Blipped/Unblipped and Mixed formats

File Formats
TIFF bitonal G3/G4, TIFF uncompressed, Multi-page TIFF, JPEG, CALS, PDF/A, Searchable PDF (optional), Multi-page PDF, JPEG 2000 (others available on request)

Physical Characteristics
Height: 9"; Width: 17"; Depth: 18"; Weight: 37lb

Warranty
One-year warranty. Assembled in the USA.

Read more about NextStar PLUS features and benefits online at:
www.nextscan.com/nextscan-products/nextstar-plus-workflow-software/

Read more about Virtual Film features at:
www.nextscan.com/nextscan-products/virtual-film/