



STImaging

Load Film Under Guides  
and Raised Top Glass

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# VIEWSCAN 4

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BRING YOUR FILM TO LIFE

## VIEWSCAN 4 DELIVERS THE CLEAREST VIEW OF THE PAST

Prior to the digital age, microfilm was the standard for document preservation. Now, thanks to ST Imaging's ViewScan 4, historians, students, researchers and businesses can bring these documents to life as easily as making a copy.

Advances in computers and software allow this innovative microfilm scanner to instantly display high-resolution images, making browsing fast and easy. The ViewScan 4 can view all microforms, roll microfilm, microfiche, aperture cards, jackets, micro cards and even color slides. In addition, with its advanced hardware and all-new, user-friendly software, the ViewScan 4 becomes an invaluable asset to libraries, universities, government institutions or any company that needs to retrieve information from their archival documents in digital form.

## EXCLUSIVE HARDWARE

To increase user familiarity, the ViewScan 4 has similar features to our previous digital scanners, including the film control keys on the carrier. Plus, its small footprint can be incorporated into any location, from a small office to a vast research room. Its technological updates make it our most efficient viewer to date.

*Exclusive film motor controls on the scanner, nearly identical to old reader/printer carriers, make it familiar, easy to use and, most importantly, easy to learn*



### Digital Age Capture

Scanning microfilm is much different in the digital age than when the technology was first introduced. Previously, when working with 35mm film one would have to project and enlarge the image to fill out the screen. In the digital age we are reducing! The lens actually takes that 35mm (over 1" tall) image and reduces to fit on an image sensor under 1/4".

### VirtualFilm Technology

The all-new PerfectView Software includes a stunning new capability for our desktop microfilm scanner: VirtualFilm Technology. This innovation turns all captured images into a virtual roll of film, which can optionally be saved and recalled. It takes our ground-breaking Image Bin feature and adds capabilities to re-load, re-size, retrieve and further edit, enhance and share previously scanned images.

### Onboard PC Option

With the purchase of the optional Intel-based micro PC, your ViewScan 4 will arrive with all the software and hardware options you ordered, pre-assembled for minimal setup. In fact, it's basically ready to use as soon as you've unboxed it. Just plug your monitor, keyboard and mouse into the unit and begin exploring your microfilm archive. And because the ViewScan 4 supports a touch screen monitor, a mouse is actually optional.

### Energy Saving Design

ST Imaging is committed to protecting our environment. The ViewScan 4 is designed to meet or exceed energy savings standards with product designs and materials not detrimental to the earth and features like automatic Sleep Mode and power down functions.

## CLARITY IN ST PERFECTFOCUS

ViewScan 4's ST PerfectFocus precision motors automatically zoom and focus the lens simultaneously, ensuring a consistently clear view whether scrolling or zooming. From 35 mm roll film to the smallest images found on microfiche sheets, users can anticipate sharp and easy-to-read images which are properly oriented, focused and vibrant every time.

## 18-MEGAPIXEL COLOR CAMERA



At the heart of the ViewScan 4 is our custom-designed 18-megapixel camera that is optimized for all your microfilm records. Being able to browse and capture images with our native 18-megapixel image sensor eliminates the need for other technology to try and improve a low megapixel camera. The ST PerfectView software creates compact files with stunning quality, whether black and white, grayscale or color.

*It is also available with a 9 megapixel black and white camera.*



## ST PERFECTVIEW SOFTWARE

Our powerful new ST PerfectView Software streamlines every aspect of the research process, allowing users to browse and capture images from 16 mm or 35 mm microfilm rolls, microfiche, aperture cards and more with astounding ease. In fact, combined with our familiar, user-friendly hardware, it takes almost no time to master the ViewScan 4.

# COLOR CODED, USER-FRIENDLY SOFTWARE

ST Imaging is known for its easy-to-use software. Now after three years of research and development on user interface, we are again setting an unparalleled standard of simplicity for microfilm viewers. The ViewScan 4's new ST PerfectView software is vastly more user-friendly than ever before, while offering new capabilities as well. Our innovative color-coding of the three basic operations—*Browse*, *Edit* or *Share*—has further simplified the learning and ease-of-use for any level of user.



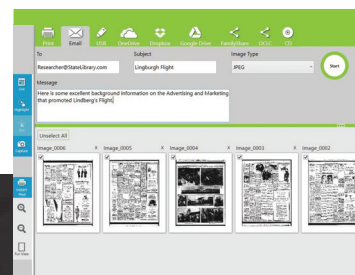
## BROWSE YOUR MICROFILM WITH EASE

- *Scroll and Live-Stream images without refresh, distortions or flickering*
- *Capture the entire image or a portion of it with one click of a button*
- *Instantly print or save images with our one-click feature*
- *Dynamically resize the Image Ribbon to make it easy to see exactly what you captured*
- *Easy cropping with drag and drop anchor points*
- *AutoBrowse automatically advances rolls of film at a speed you choose*
- *Fully integrated OCR capability makes images word-searchable*
- *Automatic film rewind*



## EDIT YOUR IMAGES TO INCLUDE ALL INFORMATION

- *Click on any captured image to review and edit further*
- *Re-size any cropped image without having to re-scan it*
- *Review and edit captured images before printing or sharing*
- *The optional Research Assistant tools let you further edit captured images*
  - *Add notes and highlight information*
  - *Redact information from the image*
  - *Combine, arrange and edit multiple images onto one page with ClipMerge with a simple drag and drop from the Image Ribbon*



## SMARTSHARE YOUR FINDINGS WITH THE WORLD

- *Print any selected images or save to a USB drive*
- *Select any popular file formats (PDF, TIFF, etc.) at time of sharing*
- *Simple and consistent sharing options makes it easy to learn and save to Google Drive, Dropbox, FamilySearch, OCLC and integrated email*

# History of Optical Zoom

A Study in Microfilm Capture — Then and Now

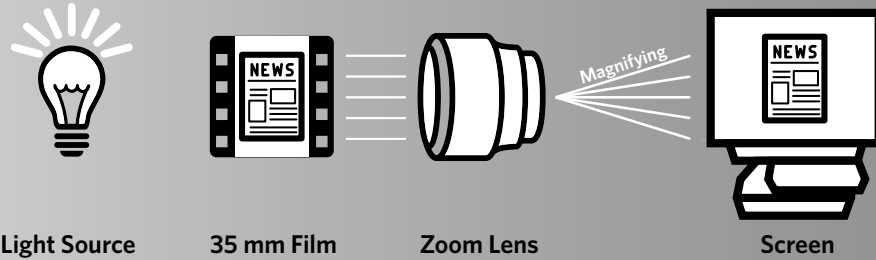


ViewScan 4 is a digital system designed with a high resolution 18 megapixel image sensor operating in REAL TIME, allowing you to Browse, Print, Save or Share in 18 megapixel Clarity. **All the time. Every time.**

Prior to use of digital image sensors, microfilm readers would use a — now antiquated — analog process of **MAGNIFYING** and zooming an image in order to project it on to a screen for viewing.

## THEN

Analog Process for Displaying Microfilm



Light Source

35 mm Film

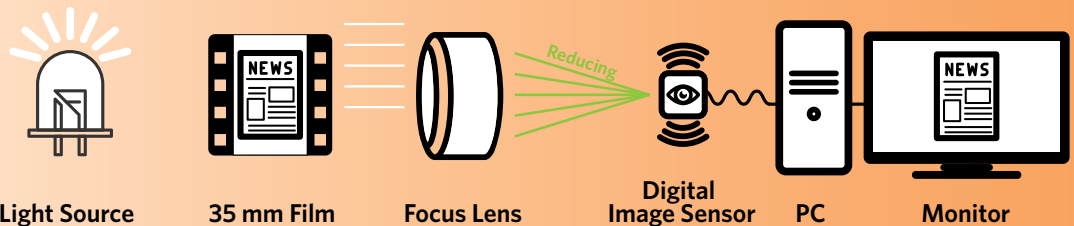
Zoom Lens

Screen

Typically, in the digital age of microfilm scanning, the lens most often is actually **REDUCING** not **MAGNIFYING** the object onto the miniature image sensor that processes, interprets, and creates the digital image which is then displayed on the monitor in real time. As can be seen, this makes discussing the benefits of Optical Zoom a largely outdated notion.

## NOW

Digital Process for Displaying Microfilm



Light Source

35 mm Film

Focus Lens

Digital Image Sensor

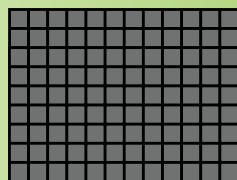
PC

Monitor

## VIEWSCAN 4

The Difference that 18 Megapixels Make

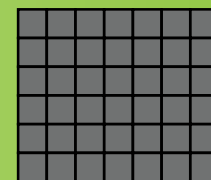
### 18 Megapixel Image Sensor\*



**TRUE  
18MP**  
IMAGE  
SENSOR  
VIEWSCAN 4

The ST Imaging ViewScan 4 offers an industry-leading 18 megapixel image sensor. Image sensors with more pixels enable the capture of finer details and the *Highest Quality* images.

### Low Pixel Count Image Sensor\*



Some other scanners use lower resolution image sensors.

\*Image Sensor and megapixel size is simulated



ST Imaging ViewScan 4. **The Clear Choice.**





Contact your ST Imaging representative at +64 4 232 9396 today to learn more about this ground-breaking fourth-generation scanner in the ViewScan product line.

**THE FUTURE OF MICROFILM SCANNING TECHNOLOGY HAS NEVER BEEN SO CLEAR**

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