History of Optical Zoom

A Study in Microfilm Capture — Then and Now

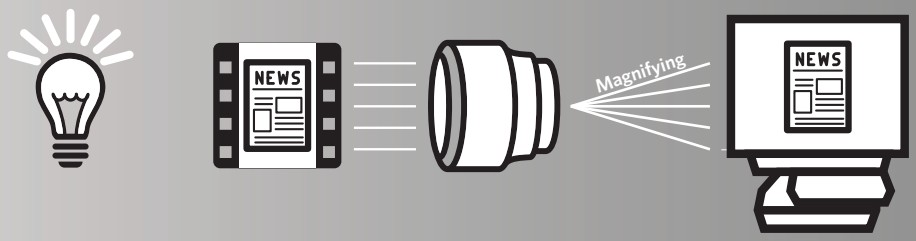
STimaging

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.***

THEN

Analog Process for Displaying Microfilm

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.

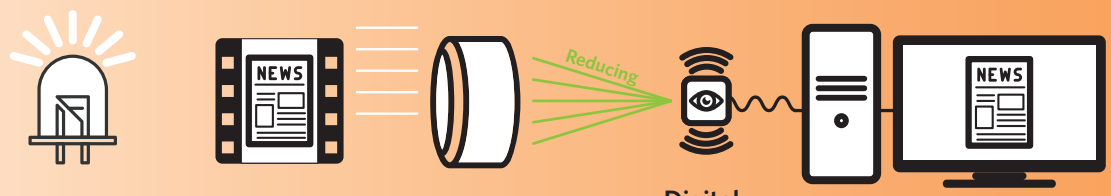


Light Source | 35 mm Film | Zoom Lens | Screen

NOW

Digital Process for Displaying Microfilm

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 As can be seen, this makes discussing the benefits of Optical Zoom a largely outdated notion.

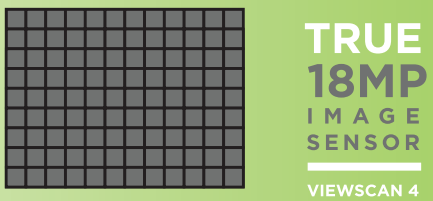


Light Source | 35 mm Film | Focus Lens | Digital Image Sensor | PC | Monitor

VIEWSCAN 4

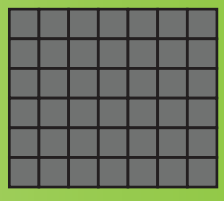
The Difference that 18 Megapixels Make

18 Megapixel Image Sensor*



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.

18MP
It's always on!

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