

ST ViewScan®

MICROFILM CROSSOVER™ DIGITAL FILM VIEWER/SCANNER



ALL DIGITAL

The **ST ViewScan®** offers small-volume operators and walk-up patrons:

- intuitive Windows desktop application for a clutter-free screen and ease-of-use
- the convenience of viewing enhanced digital live images on a PC screen before scan, capture and output
- high-quality imaging with no pixilation while redrawing pages
- incredible capture speed (1/6 second at 300 dpi)
- enhanced viewing that eliminates negative images, scratches and dust
- exclusive **ST ViewScan®** software that allows for:
 - ▶ fast browsing
 - ▶ digital and optical zooming
 - ▶ Scissor Cut™ enhanced cropping and masking
 - ▶ auto-enhanced saving
 - ▶ at-a-glance thumbnails of captured images
 - ▶ easy and versatile file management
 - ▶ ICIR™ (Immediate Captured Image Review)

FULLY-INTEGRATED

Consider your first computer and compare it in size and capability to today's mobile technology. Similarly, ViewScan's engineering takes advantage of technological advances to create a smaller reader-printer footprint while increasing scan and capture capabilities and options. The **ST ViewScan®** design features:

- a single system that provides light sources and film carrier for microfilm, microfiche and micro-cards
- firmware and circuitry housed within a single unit that requires no external power supply
- optimization for microform imaging with the latest in German camera and lens technology for precision, miniaturization and reliability
- an unobstructed film path for easy access, loading, controlling and viewing

MODULAR AND AFFORDABLE

Designed to offer the maximum in flexibility for varying capture requirements and budgets, the modular build of the **ST ViewScan®** virtually guarantees that the system cannot become obsolete, thereby protecting initial investment.

Basic system is powered by a single, low-energy power source compatible with a wide range of interchangeable and upgradeable carrier options, including:

- microfiche, micro-card and aperture card fiche-only carrier
- inexpensive manual roll-film and fiche combo carrier
- industry-standard motorized 16mm and 35mm roll-film and fiche combo carriers with 3M cartridge option; compatible with major name brands
- easy updates for special imaging requirements and technology advances
- easy upgrading of camera components for technology advances
- minimal service and maintenance requirements

EASY TO USE

Utilizing the **ST ViewScan® Microfilm Crossover™** technology, the unit combines onscreen controls for varying-speed motorized film movement with manual micro-movement of analog system hand controls.

- On-screen film movement controls
- Manual film movement knobs
- Controls for slow, medium and fast modes in both hardware (push button) or software



ENVIRONMENTALLY SOUND

Ever-cognizant of its environmental impact, the compact design of the **ST ViewScan®** is RoHS-compliant, CE-certified and significantly reduces physical footprint and energy costs.

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SPECIFICATIONS

Scanning Type	Microfilm (16/35mm); microfiche; opaque microcards; aperture cards; and more
Image Sensor	High resolution 6.5 fps monochrome sensor
Grayscale Mode	256 grayscale capture; can produce grayscale and bi-tonal output
Optical Resolution	Multiple modes up to more than 600 dpi "at document"
Zoom Range	7x to 54x optical zoom; 7x to 96x digital auto-zoom®
Light Source	CCFL true color (not green) florescent lamp and LED lamps with lifetime warranty
Scan Speeds	1/6 second at 300 dpi; higher resolutions in one second
Maximum Area	35mm x 51mm; exceeds full aperture card requirements
Power Adapter	13.8 VDC 2A
Power Source	AC 100-240 V 50Hz - 60Hz
PC Recommendations*	2+ GB RAM; 2+ GHz speed; 512 MB video card; Intel Core Duo CPU (or later); 17" or larger monitor (works very well with 24" pivot or non-pivot screens); one USB 2.0 port; one FireWire card (provided at no additional charge)
Operating Systems	Compatible with XP, Vista and Windows 7 Microsoft operating systems (32- and 64-bit configurations)
Screen Refresh	30 frames per second
Dimensions/Weight	ST ViewScan® : 30.48cm x 43.18cm x 16.83cm; 4.5kg ST ViewScan® UC9 Universal Microform Motorized Carrier : 63.5cm x 30.48cm x 16.83cm; 5kg ST ViewScan® FC9 Microfiche/Aperature Card Only Carrier : 63.5cm x 30.48cm x 16.83cm; 5kg

*PC recommendations are for best performance; lesser systems may work with slower performance.

ST200 Companion Scanner

The **ST200 ViewScan®** can be paired with a flat media scanner package. Kit includes: flatbed color image scanner with Digital ICE technology for film and photo prints; built-in 6" x 9" transparency adapter; ScanWrite software; ABBYY FineReader Sprint OCR software and electronic reference guide; Adobe Photoshop Elements 2.0 CD-ROM; USB 2.0/1/1 cable; and print materials. Please ask your Crowley representative for further details and pricing.

