

3 in 1 SpeedScan Hardware Specifications

SpeedScan

About SpeedScan

Film scanning, unlike paper scanning, can be considered a very complex task, because microfilm comes in many different types and sizes. SunRise Imaging has found a solution with the design of innovative microfilm scanners and modules.

The SunRise microfilm scanners incorporates the latest in computing hardware. The 3-in-1 scanning system consists of a Base Unit which includes, computer, software, scanner controls, camera and light source plus one of 3 modules for rollfilm, fiche or aperture card.

SpeedScan is the all encompassing scanning system. It allows users to scan and digitize any kind of film with the appropriate module (rollfilm, aperture card, and ultrafiche). The integrated computer uses Microsoft® Windows® XP Professional operating system. The graphic display interface to the SunRise scanners allows the use of a standard analog display. A 17" or larger display, with a minimum 1280 x 1024 resolution is recommended for best results.



SpeedScan Base Unit

SpeedScan Special Edition

SunRise Imaging Inc. offers special edition (SE) versions of the SpeedScan Base Unit. Users have the possibility to customize their computing system with their choice of processor, memory, storage and display interface options.

Features

3 in 1 SpeedScan

3 in 1	✓
Dual stream	✓
True output resolution	✓
Selectable camera resolution	✓
Upgradeable	✓
Module interchangeability	✓
Remote access diagnostics	✓

Software

Operating System: Windows XP Pro	✓
Applications:	
ScanFlo professional	Included
RowScan	Optional
ReelScan	Optional

Computing System

Processor	Intel Core 2 Duo
DRAM	1 GB
Hard drive	SATA 160 GB
Optical drive: Dual layer DVD writer	✓
Flash drive	✓

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SpeedScan | RollFilm | MicroFiche | Aperture Card

Features

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I/O

USB 2.0: Front panel-2, Rear panel -6	✓
Display Interface (user supplied)	Analog
Mouse & Keyboard	✓
LAN: Gigabit Ethernet	✓

Imaging

Linear CCD 8160 pixel array	✓
Camera	SRI - SpeedScan
Lens: Nikon 60mm f/2.8	✓

Performance

Rollfilm using ScanFlo	*200 ppm = (pages per minute)
Ultrafiche using ScanFlo	*80 ipm = (image per minute)
Aperture Card using ScanFlo	*600 cph = (cards per hour)

**Note: Performance data is based on using SRI production test film and is provided for reference only. Performance is highly dependent upon film characteristics and quality. SRI test film specifications are;*

- **Rollfilm:** 16mm, 200dpi, 24x reduction
- **Ultrafiche:** 5 rows x14 images, 200dpi, 24x reduction
- **Aperture Card:** Sizes 26.4"x15.9", 200dpi, 8-bit grayscale, 24x reduction

Dimension (max)

Weight (max)

Base Unit: H 29" x L 30" x W 14" (cm: 74x76x36)

Base Unit: 80 lbs
(150 lbs with shipping container)

Shipping container

- **Base Unit:** H 32" x L 34" x W 20" (cm: 82x86x50)

Base Unit+Ultrafiche: H 29" x L 30" x W 28" (cm: 74x76x71)

Module - Ultrafiche: 37 lbs
(47 lbs with shipping container)

Base Unit+Rollfilm: H 29" x L 30" x W 24" (cm: 74x76x61)

Module - Rollfilm: 18 lbs
(27 lbs with shipping container)

Base Unit

+**Aperture Card:** H 29" x L 30" x W 36" (cm: 74x76x92)

Module - Aperture Card 27 lbs
(27 lbs with shipping container)

Shipping container

- **Module:** H 13" x L 34" x W 18" (cm: 33x86x46)

(Note: The Base Unit and Modules are shipped in separate containers)