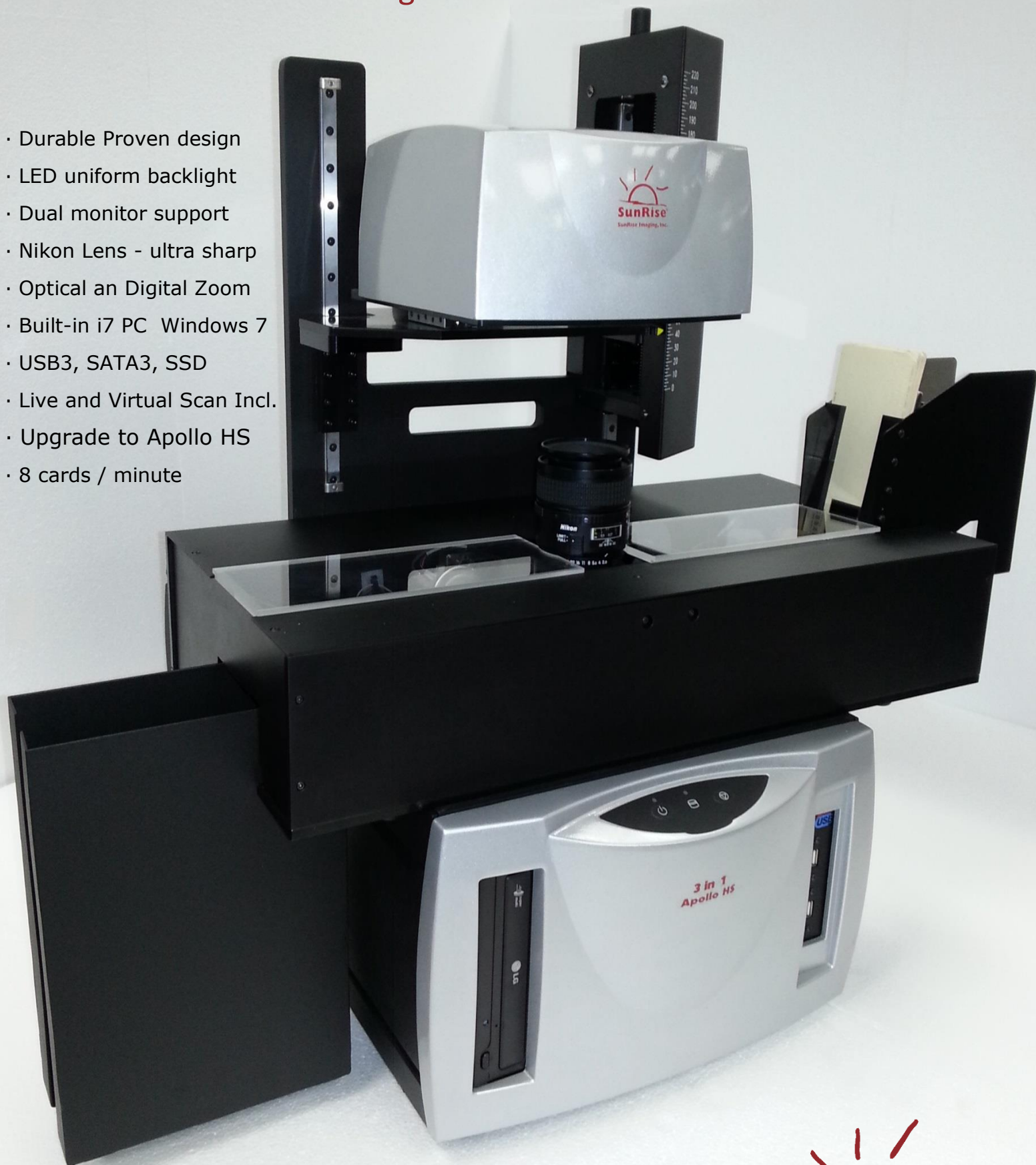


SunRise Aperture Card Scanner Apollo HS

“Scanning the World’s Micro Film”

- Durable Proven design
- LED uniform backlight
- Dual monitor support
- Nikon Lens - ultra sharp
- Optical and Digital Zoom
- Built-in i7 PC Windows 7
- USB3, SATA3, SSD
- Live and Virtual Scan Incl.
- Upgrade to Apollo HS
- 8 cards / minute



Hardware Specifications

An Aperture card scanner system consists of the Apollo Base Unit and Apcard Module

COMPUTING SYSTEM

Processor 6th gen Intel i7
Memory 4 GB
Hard Drive Internal Solid State 500GB
DVD Optical drive
Removable 2.5" SSD Drives 2 bays 1000GB
External drive expansion via USB 3.0

SPEED

Feed rate 8 cards/ min
Scan rate 5,000/10,000 vertical lines/sec

I/O

USB 3.0/2.0: Front -2, Rear -4 plus USB-C
Dual Monitor output: VGA / DVI / HDMI
Mouse & Keyboard
LAN Gigabit Ethernet

IMAGING

Linear CCD 4k & 8k pixel array
Camera SunRise Apollo Hi-Speed
Lens Nikon 60mm f/2.8
Light Source SunRise LED

SOFTWARE

Included with scanner are Windows 7 Applications ScanFlo **Professional**, **Premier**, and **Virtual Scan**

Live Scan	Scan time image processing, create image files during scan for immediate results.
Archive Scan	Digital archive Strip Scan is fast and simple.
Virtual Scan	Post scan image processing allows QA.
Scan presets	Scan job parameters are automatically saved making it easy to setup.
Dual stream	Simultaneous bi-tonal and 8 bit grayscale scanning.
File formats	PDF, TIFF, JPEG, GIF, compressed and uncompressed, bi-tonal and grayscale.
Pixel Depth	1,4,8,12 bit.
Image processing	Adaptive threshold Bi-tonal, Edge Sharpen, Crop, De-skew, 90°,180°,270° Rotation, Blip detection and counting, Mirror Flip, Invert, Scale, Enhance contrast to fix dark or too bright, Automatic Crop & De-skew, Negative/Positive.
Help	User Manual, Context Help.
Reduction Ratio	Enlarge film image 7x – 72x to compensate for size of image on film.
Document size	A4-A0 (A – E).
Compression	Bi-tonal: TIFF uncompressed, TIFF CCITT G4, Multi page TIFF, PDF, PDF LZW. Grayscale: TIFF uncompressed, TIFF LZW, JPEG (8-bit), GIF (8-Bit), PDF, PDF LZW.
Special features	Jammed card detection, 500 card feeder bin, removable exit bin.

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