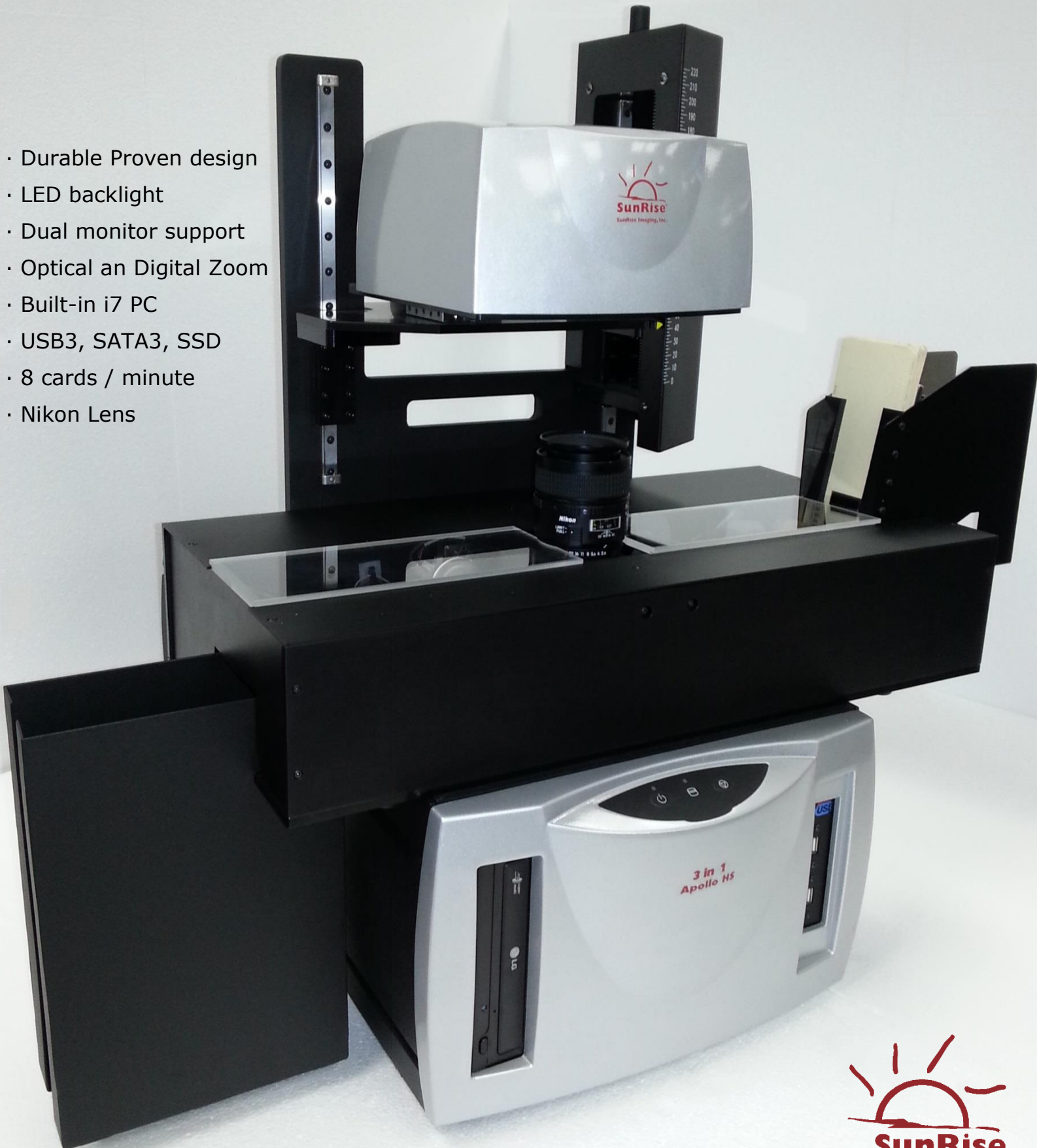


SunRise Aperture Card Scanners Apollo HS

“Scanning the World’s Micro Film”

- Durable Proven design
- LED backlight
- Dual monitor support
- Optical and Digital Zoom
- Built-in i7 PC
- USB3, SATA3, SSD
- 8 cards / minute
- Nikon Lens



Hardware Specifications

A SunRise Apcard 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 10 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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