SunRise Rollfilm Scanners
Apollo HS

"Scanning the World's microfilm"

· Durable Proven design

· LED backlight

· Dual monitor support

· Optical and Digital Zoom

· Built-in i7 PC - Windows 10

· USB3, SATA3, fast SSD

· Live and Virtual Scan included

· 760 duplex Rollfilm pages / minute

· Nikon Lens for ultra-sharp focus

· Upgrade your older scanner to Apollo

3 in 1
Apollo
HS

SunRise

A SunRise Rollfilm scanner system consists of
the Apollo Base Unit and Rollfilm 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

PERFORMANCE (200 DPI)
Rollfilm: 16mm, 24X 200   375 / 750
simplex/duplex images per minute

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	Fast rewind provides rewind of 100 foot rolls in less than 15 seconds.

SunRise