

Sinarback eVolution 75H

The **Sinarback eVolution 75H** is the only tethered, actively cooled multi-shot solution on the market. Developed jointly by Sinar and its technology partner JenOptik, the **33 million pixel** eVolution 75H has been designed without components such as display, controls and memory, allowing for maximum transfer rates, higher speeds and outstanding image quality.

The Firewire 800 (via IEEE 1394b interface) ensures a faster live image, while dual Peltier and fan cooling guarantee optimal continuous operation.

In 1-shot mode, the Sinarback eVolution 75H has an image file size (RAW) of 68 MB. In the 190 MB 4-shot mode, controlled color overlays specifically reduce the color moiré effects and make color interpolations superfluous. The Sinarback eVolution 75H is universally deployable and adaptable to a range of medium format camera bodies including the Sinar m, Sinar f3, Sinar p3 and the new Sinar Hy6.

**Adapters:**

The camera adapter kits are the same as for the Sinarback 54 M:

- a. The adapters for the following cameras are available and fit both the Sinarback 54 M and the Sinarback eVolution 75H: Sinar 4x5" view cameras, Fuji GX 680, Mamiya RZ 67, Mamiya RB 67, Mamiya 645 Pro, and Rolleiflex 6008.
- b. The adapters for the following cameras will be slightly modified in order to accept the larger CCD sensor of the Sinarback eVolution 75 H. These will be available before the end of 2006: Sinar m, Sinar p3, Contax 645 AF, Hasselblad V, Hasselblad H, Mamiya 645 AFD, and Graflock 4x5" (for non-Sinar 4x5" view cameras).

Capturing Software:

Sinar CaptureShop™ 5.5 or higher is required to operate the Sinarback eVolution 75H.

The Sinarback eVolution 75H will be available in the second quarter of 2007.

Technical Data

Application	Digital camera back for 1- and 4-shot exposures with all types of light sources
CCD sensor type	Dalsa FTF 5066 C, RGB Mosaic Filter, Full Frame Technology
Active sensor size	48.0 x 36.0 mm
Sensor resolution	6668 x 4992 pixels, 33.3 million pixels
CCD pixel size	7.2 x 7.2 μm
Image ratio	4:3
File size RAW (16 bit)	File size RAW (16 bit) 1-shot 68 MB, 4-shot 190 MB
File size 48 bit TIFF	190 MB
File size 24 Bit TIFF	95 MB
Capture rate	Up to 24 images per minute
Live image view finder	Yes
Exposure time	1/10000 to 32 seconds
Dynamic range (contrast)	12 f-stops
Digitalization	48 bit (16 bit per color channel)
Cooling	Peltier and ventilator
Nominal sensitivity	ISO 50 (adjustable from 50 to 400)
Piezo micro-scanning	Yes
Interface	1x IEEE 1394b Firewire (800 Mbps)
Power supply	Alternatively via Firewire or external 12 volt power supply
Operation mode	Tethered (data storage via Firewire cable directly on hard disk)
Exposure software	Sinar CaptureShop™ 5.5 and higher
Dimensions	90 x 85 x 73 mm
Weight	500 g
Camera adapters	Sinar p3/p2/p/x view cameras, Sinar m, Sinar Hy6, Sinarcam 2; Contax 645 AF; Fuji GX 680 I, II, III; Hasselblad V, H1, H2; Mamiya RZ 67/Pro II, RB 67, 645 AFD, AFD II, 645 Super, Pro, Pro TL; Rolleiflex 6001, 6003, 6008, 6008 Integral, 6008 Integral2, 6008 AF. Any non-Sinar 4x5" view cameras via Graflock adapter
Computer requirements (recommended)	Apple Macintosh G5 or Core Duo with ≤ 1.8 GHz, OS 10.4.4 or higher, 2 GB RAM, IEEE 1394b Interface