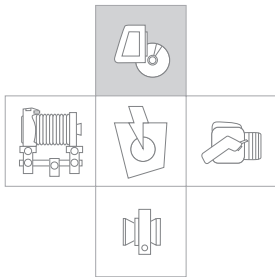


The perfect moment. Captured by Sinar.



Sinarback eMotion 54 LV

The Sinarback eMotion 54 LV is an advanced, intuitively-operated tool for creative photographers who are looking for unlimited mobility and expect uncompromising image quality as standard.

Mobile in difficult terrain

Once back in the studio, with the Sinarback eMotion 54 LV you can store your images directly onto a computer hard disk via the robust Firewire link. While out and about, up to 220 images in quickfire succession can be stored onto the 3 GB nonvolatile on-board memory. During shooting breaks, images can also alternatively be stored on an additional CF card or even on both storage media simultaneously, thanks to automatic data transfer. You have the choice between unrivalled speed for lengthy photo sequences or maximum data security – thanks to redundancy and dispensing with external hard disks with their mobile components.

The Sinarback eMotion 54 LV: reliability, even in difficult terrain.

Mobile over long distances

Advanced sensor technology and performance-optimized electronics dispense with the need to refuel after an hour's use. The replaceable lithium-ion video on-board battery provides sufficient power for up to three hours operation, even for brilliant image display in the daylight-compatible OLED on board display. The Sinarback eMotion 54 LV: endurance over great distances.

Mobile from horizon to horizon

The large sensor format, flat pixel design and dispensing with micro lenses allow you to not only focus on distant prospects, but also to work with wide angle lenses and displacements. Instead of color shifts, the unique color filter technology produces natural colors as a matter of course.

The Sinarback eMotion 54 LV: far-sighted from horizon to horizon.

Sinarback eMotion 54 LV at a glance

Application	Digital camera back for 1-shot exposures with all types of light source
CCD sensor type	Dalsa FTF 4052 C, RGB Mosaic Filter, Full Frame Technology
Active sensor size	48.0 x 36.0 mm
Sensor resolution	5344 x 4008 pixels, 21.4 million pixels
CCD pixel size	9.0 x 9.0 µm
Image ratio	4:3
File size RAW (16 bit)	46 MB
File size RAW, compressed	22 MB
File size 48 bit TIFF	122 MB
File size 24 bit TIFF	61 MB
Capture rate	Up to 50 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)
Nominal sensitivity	ISO 50 (adjustable from 25 to 200)
Interface	1x IEEE 1394a Firewire
Power supply	Alternatively via Firewire or interchangeable lithium-ion battery
On-board battery	Operating time: up to approximately 2000 exposures
On-board data storage	Solid-state memory 3 GB for up to 220 images. Optionally, additional interchangeable Compact Flash Card of up to 8 GB for up to further 350 images
On-board display	2.2" OLED, 24 bit (16 million colors)
Information on display	Sensitivity, battery condition, exposure warning, memory status, white balance, histogram
Operation mode	Alternatively untethered (data storage on-board) or tethered (data storage via Firewire cable directly on hard disk)
On-board controls	Sensitivity, white balance, zoom up to 1:1, resolution, compression, language selection (Chinese, German, English, French, Italian, Japanese, Korean, Spanish)
Exposure software	Sinar CaptureShop™ 5.5 and higher
Dimensions	92 x 81 x 71 mm
Weight	600 g
Camera adapters	Sinar m, Sinar Hy6, Sinar p3/f3; Contax 645 AF; Hasselblad V 500 series, H1, H2; Mamiya RZ 67, RZ 67 Pro II, 645 AFD, 645 AFD II, 645 Super, 645 Pro, 645 Pro TL; Rolleiflex 6001, 6003, 6008, 6008 Integral, 6008 Integral 2, 6008 AF; 4x5" view cameras via Hasselblad V adapter
Computer requirements (recommended)	Apple Macintosh G5, Core Duo, Core 2 Duo with OS 10.4.9 or higher, 1 GB RAM, IEEE 1394a Interface