

sinar



Sinarback eMotion75

Sinarback eMotion75 at a Glance

Application	Digital camera back for 1-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 µm
File size RAW (16 bit)	64 MB
File size RAW, compressed	32 MB
File size 48 bit TIFF	190 MB
File size 24 bit TIFF	95 MB
Capture rate	Up to 40 images per minute
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 50 to 400)
Interface	1x IEEE 1394A Firewire
Power supply	Alternatively via Firewire or interchangeable lithium-ion battery
On-board battery	Operating time: up to 3 hours or approximately 250 exposures
On-board data storage	On-board data storage solid-state memory 6 GB (for up to 85 uncompressed or 160 compressed images) Optionally also interchangeable Compact Flash Card of up to 8 GB (for up to further 120 uncompressed or 220 compressed images)
On-board display	2.2" OLED, 24 bit (16 million colors)
Information on display	Images, Histogram, Sensitivity, Battery condition, Exposure warning, Memory status, White balance
Operation mode	Alternatively untethered (data storage on-board) or tethered (data storage via Firewire cable directly on hard disk)
Functionality	Sensitivity, White balance, Zoom up to 1:1, Resolution, Compression, Language selection (Chinese, English, French, German, Italian, Japanese, Spanish)
Exposure software	Sinar CaptureShop™ 5.3 and higher
Dimensions	92 x 81 x 71 mm
Weight	600 g
Camera adapters	Sinar m, Sinar p3/f3 (in preparation); 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 (recom.)	Apple Macintosh G5/G4 with OS 10.4.4 or higher, minimum 1 GB RAM, IEEE 1394A interface



Sinarback eMotion75

The Sinarback eMotion75 is a very advanced digital back that can be operated intuitively – ideal for creative photographers who require unrestricted mobility and for whom the very best image quality is indispensable.

Mobile in Difficult Terrain

With the Sinarback eMotion75 you can store images in the studio directly on the hard disk of a powerful computer via the sturdy Firewire connection. While on location, up to 160 images can also be written in uninterrupted sequence on the internal 6 GB secure storage medium. Alternatively, thanks to automatic data transfer, it is also possible to

store image data on an additional CF card during pauses between exposures, or even on both storage media simultaneously.

You have the free choice of unsurpassed speed during long exposure series or the highest data security, thanks to redundancy and to dispensing with external hard drives with their movable parts. Sinarback eMotion75: Completely dependable, even in difficult terrain.

Mobile Over Great Distances

Thanks to advanced sensor technology and electronics optimized for highly efficient performance, it is not necessary to recharge the batteries again after an hour. The energy provided by the interchangeable-

able Lithium-Ion video battery lasts for up to three hours – and it does so in spite of the brilliant image on the OLED display that can be viewed so conveniently in daylight. Sinarback eMotion75: Endurance over great distances.

Mobile from Horizon to Horizon

The large format of the sensor, the flat configuration of the pixels and dispensing with micro-lenses makes it possible not to focus only at great distances, but also to work with wide-angle lenses and with swings and tilts. Instead of color shifts, natural colors are rendered, assured by the unique color filter technology. Sinarback eMotion75: With the wide view from horizon to horizon.

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fabrik studios
Printed in Switzerland
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977.06/03.52.004 e - 01.3902
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