

Leaf Credo

Digital Camera Backs

Leaf Credo 80 80MP

Leaf Credo 60 60MP

Leaf Credo 50 50MP

Leaf Credo 40 40MP



Mamiya Leaf

The **Leaf Credo** series of digital camera backs brings the legendary Leaf image quality along with speed, flexibility and versatility that are second to none

Uncompromising Image Quality

The Leaf Credo delivers stunning, film-like quality that has been Leaf's trade-mark for many years. The large, specially designed sensor with unsurpassed 14 f-stops of dynamic range provides unmatched detail, richness of color, low noise and beautiful tonality. Lossless 14/16-bit file compression accelerates file handling without loss of image quality.

High Resolution and High Speed

The Leaf Credo uses unique, high resolution DELSA CCD sensors with up to 80 Megapixel, measuring up to 53.7 x 40.3 mm. The Leaf Credo 80 offers the best price-performance ratio of any 80 MP single-shot capture device, allowing you to take your photography further by capturing the highest quality, single-shot images possible. The sensor provides the ability to record the finest detail, eliminating the need to use cumbersome multi-shot solutions. The Leaf Credo 50 allows you to capture what you need, when you need it, breaking the medium format ISO barrier – shoot at available light. The best of legendary Leaf colors, now at ISO 100 - 6400 or anywhere in between.

Capture Speeds as Fast as 1.2 Frames per Second

Fastest image transfer speed, by using advanced FireWire 800, USB 3.0 and UDMA CompactFlash technologies.

Total Control from Capture-to-Delivery

The Leaf Credo lets you shoot anywhere. Featuring a high resolution, 3.2" touch screen, enabling you to view, inspect and edit your images under all kinds of challenging lighting conditions, specifically with the credo 50 whether you are shooting at ISO 100, 6400 or anywhere in-between you can capture unique images in available light anytime.

Capture One Software

Photographers are able to leverage the unique features and workflow environment of Capture One workflow software to optimize and enhance their images, create web galleries and print contact sheets directly from the computer.

Wireless Preview, Control and Liveview

With the Leaf Credo, you, your client, or an art director can use Capture Pilot to preview and rate images during the shoot on an Apple iPhone, iPad or iPod touch, and remotely control your camera. High quality Live View of the Credo 50 allows for easy composition and focusing - on the digital back, or on your mac/PC through Capture One.

Extensive Compatibility

Leaf Credo backs are compatible with many current and legacy medium and large format cameras as well as wide-angle technical cameras with tilt-and-shift movements. RAW files can be used in most 3rd party applications such as Adobe Camera Raw, Adobe Lightroom and Iridient Raw Developer

Long Term Investment

Your Leaf back has the highest resale value on the market, even after many years of use. And to ensure that you are always using the best, Mamiya Leaf continues to offer an industry-leading upgrade program.

Excellent Customer Service and Support

At Mamiya Leaf, we understand how much you count on immediate, timely service and support. That is why we've implemented a worldwide network of partners and direct online advice, with dedicated support teams only a phone call or an email away.



Specifications

Leaf Credo	80	60	50	40
Resolution	10320 x 7752 (80 MP)	8984 x 6732 (60 MP)	8280 x 6208 (50MP)	7320 x 5484 (40 MP)
Frame size (crop factor)	53.7 x 40.3 (1:1)	53.9 x 40.4 mm (1:1)	44 mm x 33 mm (1:1.3)	43.9x32.9 mm (1:1.3)
Aspect ratio	4:3			
Pixel size	5.2 micron	6.0 micron	5.3 micron	6.0 micron
Dynamic range	12.5 f-stops	12.5 f-stops	14 f-stops	12.5 f-stops
Color depth	16-bit (65,536 levels per channel)	16-bit (65,536 levels per channel)	14 Bit (16,384 levels per channel)	16-bit (65,536 levels per channel)
ISO sensitivity	35 – 800	50 - 800	100-6400	50 - 800
Exposure time	1/10000-120 sec	1/10000-60 sec	1/10,000- 1 Hour	1/10000-60 sec
Full resolution capture rate	0.7 frames/sec	1.0 frames/sec	1.2 frames/sec	1.2 frames/sec
Color management workflow	A range of factory ICC profiles, plus optional ability for users to create their own custom camera profiles			
Display	3.2", bright 1.15" touch screen with 170° viewing angle			
Image viewing	Preview up to 6 images on one LCD screen, up to 400% zoom			
On-board tools	Live View on LCD, spirit level, ISO, WB, histogram, exposure alarms, image rating, 645DF custom functions			
Languages	English, Chinese, French, German, Italian, Japanese, Spanish, Russian			
Storage	CompactFlash inc. UDMA 6			
Connectivity	FireWire 800, USB 3.0, USB 2.0			
Software	Capture One 7.2.4 or higher			
	Minimum requirements Apple Mac: Core Duo 2 or higher, 4GB or more, 10.8 or higher			
	Minimum requirements Windows: Core Duo 2 or higher, 4GB or more, Windows 7 or higher			
Cameras Supported	Mamiya	645DF+, 645DF, 645AFDIII, RZ (all types), RB		
	Phase One	645DF+, 645DF, 645AF, iXR		
	Hasselblad	V-series (except for 200 and 2000 models), H1, H2, H4X		
	Contax	645AF		
	View/technical	ALPA, Arca-Swiss, Cambo, Horseman, Linhof, Rollei X-Act 2, Sinar, Toyo and other 4x5" & 6x9 via Leaf Graflok or 3rd party adapter		
	Other	Bronica ETRSi/ SQA/ SQAi, Fuji GX680I/II via 3rd party adapter		
Battery	2,900 mAh rechargeable Li-ion	2,900 mAh rechargeable Li-ion	4,300 mAh rechargeable Li-ion	2,900 mAh rechargeable Li-ion
RAW file compression (large)	80 MB	60 MB	50 MB	40 MB
RAW file compression (small)	54 MB	40 MB	33 MB	26 MB
Output image dimensions	300 dpi: 87.4 x 65.6 cm	300 dpi: 76.1 x 57 cm	300 dpi: 70.1 x 52.6 cm	300 dpi: 61.9 x 46.4 cm
	600 dpi: 43.7 x 32.8 cm	600 dpi: 38 x 28.5 cm	600 dpi: 35.0 x 26.3 cm	600 dpi: 30.1 x 23.2 cm
Dimensions	98 x 80 x 61.5 mm			
Weight	562 g			
Operating conditions	-10°–40°C (32°–104°F), Humidity: 15%–80% (non-condensing)			
Certifications	FCC (A), CE, RoHS			



"In my work I often use a lot of shadows and dark tones,
no system renders this as well as the Leaf digital backs"

Frank Doorhof



© Frank Doorhof

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