

WIDE SPECTRUM CREDO BACKS



CREDO WS

The high performance quality and features of Leaf Credo digital backs are now available to photographers shooting wide spectrum (WS) images. Fully integrated with the Mamiya 645DF+, the Leaf Credo WS is also ideal for use on technical cameras.

The Leaf Credo WS is made to suit a variety of photographic needs, offering the capability of shooting different wavelength ranges by adding or removing filters.

The Leaf Credo WS enables you to shoot:

- Infrared (use an IR-pass, visible-block filter)
- Standard color (use IR-block, visible-pass filter)
- Infracolor (use an orange/red filter)

SOME USES OF CREDO WS BACK

Creative photographers will explore their art using the Leaf Credo WS using techniques such as:

- **Woods effect** — landscape images with dark green foliage becoming very bright and light blue skies become very dark.
- **Portraits** — skin blemishes are typically much less visible in IR and skin “glows”.
- **Invisible flash** — use a flash filtered with an IR-pass/visible-block. filter and you can do flash photography without anyone else being able to see the flash.

- **Macro** — some flowers show patterns in the IR space that aren't in the visible spectrum (more common with UV than IR).

HIGH RESOLUTION CCD SENSORS

The Leaf Credo WS uses high resolution DALSA CCD sensors with either 80 or 60 Megapixel configurations. The sensor provides the ability to record the finest detail, eliminating the need to use cumbersome multi-shot solutions.



* Color filters not included with Credo WS

Mamiya Leaf

	Credo WS 80	Credo WS 60
CCD size	53.7 x 40.3 mm	53.9 x 40.4 mm
Active pixels	10,320 x 7752	8984 x 6732
Resolution	80 MP	60 MP
Aspect ratio	4:3	4:3
Pixel size	5.2 micron	6.0 micron
ISO sensitivity	35-800	50-800
Exposure time	1/10,000 – 120 seconds	1/10,000 – 60 seconds
Full resolution capture rate	0.7 frame/sec	0.8 frame/sec
RAW File compression (large)	80 MB	60 MB
RAW File compression (small)	54 MB	40 MB
Output image dimensions 300 dpi	300 dpi: 87.4 x 65.6 cm	300 dpi: 76.1 x 57 cm
Output image dimensions 600 dpi	600 dpi: 43.7 x 32.8 cm	600 dpi: 38 x 28.5 cm
Color depth	16 bits (65,536 levels per channel)	16 bits (65,536 levels per channel)
Dynamic range	12.5 f-stops	12.5 f-stops
Color management workflow	Range of factory ICC profiles, plus optional ability for users to create their own custom camera profiles	
Display	3.2 in, 1.15 MP bright touch LCD with 170 degree viewing angle	
Image viewing	Preview up to 6 images on one LCD screen, up to 400% zoom	
Onboard tools	Live View on LCD, spirit level, ISO, white balance, histogram, exposure alarms, image rating, 645DF custom functions	
Languages	English, Chinese, French, German, Italian, Japanese, Spanish	
Storage	CompactFlash including UDMA 6 and 7	
Connectivity	FireWire 800, USB 3.0, USB 2.0	
Software	<ul style="list-style-type: none"> • Capture One 6.4 or higher • Minimum Requirements Apple Mac: Core Duo 2 or higher, 4GB or more, 10.6 or higher • Minimum Requirements Windows: Core Duo 2 or higher, 4GB or more, Win 7 or higher 	
Battery	2900 mAh rechargeable Li-ion	
Operating conditions	0°–40°C (32°–104°F), Humidity: 15%–80% (non-condensing)	

About Mamiya Leaf

Leveraging 70 years of Mamiya camera and optics expertise with the digital imaging technology of Leaf - the company that introduced the world's first commercial digital camera back - Mamiya Leaf represents the finest in high end photographic solutions, and is dedicated to improving the quality of its products, technologies and services to support the advancement of professional digital photography.

For more information visit www.mamiyaleaf.com



Mamiya Leaf US
Virginia Road 75
North White Plains
NY 10603
USA
Email: sales@mamiyaleaf.com

Mamiya Leaf Europe
Roskildevej 39
DK-2000
Frederiksberg
Denmark
Email: sales@mamiyaleaf.com

Mamiya Leaf Asia Pacific
Rm 1009, 10/F
Eight Commercial Tower
Sun Yip Street, Siu Sai Wan
Hong Kong
Email: sales@mamiyaleaf.com



Mamiya Leaf