

leaf

Leaf Aptus-II

Digital Camera Backs



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The leader in speed and image quality

The Leaf Aptus-II series of digital backs offers professional photographers the speed, image quality and flexibility to push their work beyond expectations.

True Wide Frame Sensor

The all new Leaf Aptus-II series includes a top of the line offering with the only True Wide Frame sensor. With the Leaf Aptus-II 10, you can capture what was previously impossible, with a revolutionary, digital sensor that achieves True Wide Frame shooting. This 56mm x 36mm sensor offers a higher resolution (56MP) and allows for full-width imaging.

Highest Speed

The Leaf Aptus-II series of digital camera backs offers capture speeds as fast as 1 second per frame.

- Fastest image transfer speed, by using the latest FireWire 800 technology.
- Fastest Read/Write speeds taking advantage of the newest CompactFlash (CF) card technology

Uncompromised Image Quality

The Leaf Aptus-II delivers stunning, film-like quality that is superior to any capture device available in the industry, regardless of resolution.

- Unique color filters ensure consistent and accurate color reproduction
- Large, specially designed sensor with unsurpassed 12 f-stops of dynamic range provides unmatched detail, richness and color, low noise, and striking highlights
- Broad ISO: from 50 to 800

Complete Control: Functionality and Portability

The Leaf design incorporates a variety of unique features. The Leaf Aptus-II features a new, brighter 6 x 7 cm touch screen, enabling you to check your shots under all kinds of challenging lighting conditions, both in-studio and outside, as well as a wide range of functions, including:

- Create and name alternate directories for file storage
- Annotate individual files with text entered using an on-screen keyboard
- Image-viewing options: by list, by a range of thumbnail sizes
- Multiple selection of images: perform actions on the entire selection
- Portable file management: name images/folders and predefine settings per shoot
- Histogram representation



Enhanced Productivity: Faster Shoot-to-delivery

With the Leaf Aptus-II, you can adjust and control your image as you shoot with the intuitive display, allowing you to manipulate your RAW images in a range of thumbnail sizes.

- The image is automatically oriented according to the back's orientation
- Loupe tool for focusing during the shoot
- Wireless connectivity via Bluetooth, and previews on a portable HP iPAQ
- Lossless 16-bit file compression accelerates file handling without loss of image quality

Flexibility: Shoot Your Best in Any Situation

The Leaf Aptus-II lets you shoot anywhere.

- Range of storage options: CF card, Leaf Digital Magazine, FireWire disk, computer hard disk
- Compatible with medium- and large-format cameras: use wide-angle lenses and shift & tilt movements
- Compatible with Adobe Photoshop, Photoshop Lightroom, Apple Aperture, and other leading software applications for processing Leaf uncompressed RAW files

Excellent Support

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

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, Leaf offers an industry-leading upgrade policy.

Leaf Aptus-II		10	7	6
CCD Size	mm	56 x 36	48 x 36	44 x 33
	pixels	9288 x 6000	6726 x 5040	6144 x 4622
	resolution	56 MP	33 MP	28 MP
Capture Rate (sec/frame)		1	1.1	1
File Size	MOS	115 MB	67 MB	53 MB
	MOS lossless compression	78 MB	47 MB	31 MB
	TIFF 16-bit	345 MB	204 MB	159 MB
	8 bit RGB	172 MB	102 MB	80 MB
	8 bit CMYK	229 MB	136 MB	106 MB
ISO Sensitivity		50-800	50-800	50-800
Digital Image				
Color depth		16 bits (65,536 levels per channel)		
Dynamic range		12 f-stops		
Color management workflow		Range of 12 profiles including factory profiles, plus optional ability for users to create their own custom camera profiles		
Leaf RAW file format		A standard, open RAW format compatible with many leading applications		
LCD Screen				
Operation		Advanced, bright, high-contrast touch screen interface for indoor or outdoor work		
Size		6 x 7 cm (3.5 in.)		
Languages		English, German, French, Spanish, Italian, Chinese and Japanese		
File management		Preshoot file naming, image flagging, full browsing and file management, creation of job folders, custom file annotations		
Image viewing		Preview of up to 20 images on one screen, true 1:1 zoom to verify focus		
Image measuring tools		Histogram, exposure alarms, average exposure meter, spot meter (f-stop)		
Image settings		Custom and preset gray balance, ISO, selectable image-setting tags, IPTC and EXIF metadata		
Portable Storage				
Options		CF card type I and II, Leaf Digital Magazine High-volume portable FireWire disks		
Tested CF cards		SanDisk Extreme series (recommended) including Extreme IV, SanDisk Ultra II, Lexar CF Pro series, Ridata Supreme Series and Transcend 300X		
Cameras Supported				
Mamiya		645AFD, 645AFD II, 645AFDIII, RZ67, RZ67 Pro II, RZ Pro IId, RB67		
Hasselblad		H1, H2 and V series (not including 200 and 2000 versions)		
Contax		645AF		
Fuji		GX680II, GX680III		
Bronica		SQA/SQAi/ ETRSi		
Compatible view cameras		Alpa, Arca, Cambo, Horseman, Linhof, Sinar, Toyo, Rollei X-Act2 and others via Leaf Graflok or third-party adapters		
Portable Power				
Leaf battery		2350 mAh power		
Third-party compatible battery		Samsung SBL-160; 1850 mAh power (single-size battery) Samsung SBL-320; 3200 mAh power (dual-size battery)		
Additional				
Properties		Dimensions: W 95 x H 82 x D 59 mm, Weight: 600 g (1.3lb)		
Operating conditions		Back: 0°–40°C (32°–104°F), Digital Magazine: 5°–50°C (41°–122°F), Humidity: 15%–80% RH (non-condensing)		
Conformed Standards		CE, FCC, CSA, RoHS		



About Leaf: Our Science Your Art

Since introducing the world's first digital camera back (DCB) in 1992, Leaf has been recognized as a worldwide leader in the professional photography market. With extensive knowledge of image processing, color management and file conversion technology, Leaf has become the preferred professional digital camera vendor for the world's leading photographers.

For more information visit www.leaf-photography.com

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Inner page: Photo by Heinz Bauman first place winner in the Pro Advertising category at the Px3 International Photo Competition

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