

Leaf Aptus-II

Digital Camera Backs



leaf
our science *your art*

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



Wide Image Capture

The Leaf Aptus-II includes a new and exclusive 56 MP sensor, which at 56 x 36 mm is the industry's only True Wide Frame sensor. Conceived and built to match the full width frame of medium-format cameras, this is the first sensor to achieve full width since film cameras. With Leaf SensorFlex technology you can crop on the fly to standard pre-set formats before you shoot to get the dimensions, file size and transfer rates that are best suited to your work.

High Speed

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

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

Complete Control: Faster Shoot-to-delivery

The Leaf Aptus-II lets you shoot anywhere. The Leaf Aptus-II features a bright 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 offering a wide range of on-screen functions.

Extensive Compatibility

Leaf Aptus-II backs are compatible with over 80 medium and large format cameras, and the Leaf RAW files can be opened in many leading workflow applications.

- Connect with view cameras, wide-angle optics and tilt-and-shift movements.
- Leaf RAW files are natively supported by Apple Mac OS X, for full access in Aperture, Finder thumbnails, Cover Flow, iPhoto as well as many other applications.

Uncompromising Image Quality

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

- Large, specially designed sensor with unsurpassed 12 f-stops of dynamic range provides unmatched detail, richness and color, low noise, and striking highlights
- Lossless 16-bit file compression accelerates file handling without loss of image quality

Wireless Preview

With the Leaf Aptus-II, you, your client, or an art director can use Leaf Capture Remote to preview shots during the shoot on an Apple iPhone or iPod touch.

Leaf Capture Software

Designed expressly to maximize productivity with Leaf camera backs, the latest Leaf Capture software is the professional photographer's tool to quickly and easily move from image capture to print. Use it to check and perfect your images while you shoot, including live video preview; ideal for high-volume productions on tight deadlines, such as catalogs and fashion shoots.

Capture One Software

With support for Leaf digital backs, photographers will be able to leverage the unique features and workflow environment of Phase One's Capture One workflow software. Future versions of Capture One will comprise a synergy of the best features from both the Capture One and Leaf Capture products to offer photographers more workflow options.

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.



"I specialize in photographing people on location both in portraiture and in 'capture the moment' scenarios. I rely on my Leaf Aptus to let me concentrate on my subjects, not technical details. The huge dynamic range in the Leaf Aptus makes the difference for my work. You can see it in my images."

Klaus Mellenthin

Specifications

Leaf Aptus-II		10	7	6	5
CCD Size	mm	56 x 36	48 x 36	44 x 33	48 x 36
	pixels	9288 x 6000	6726 x 5040	6144 x 4622	5356 x 4056
	resolution	56 MP	33 MP	28 MP	22 MP
Capture Rate (sec/frame)		1	1.1	1	0.9
File Size	MOS	115 MB	67 MB	53 MB	42 MB
	MOS lossless compression	78 MB	47 MB	31 MB	21 MB
	TIFF 16-bit	345 MB	190 MB	159 MB	128 MB
	8 bit RGB	172 MB	102 MB	80 MB	63 MB
	8 bit CMYK	229 MB	136 MB	106 MB	84 MB
ISO Sensitivity		80-800	50-800	50-800	25-400
Dynamic range		12 f-stops			
Color depth		16 bits (65,536 levels per channel)			
Color management workflow		Range of 16 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			
File management		Preshoot file naming, image flagging, full browsing, creation of job folders, custom file annotations			
Image viewing		Preview up to 20 images on one LCD screen, true 1:1 zoom			
Image measuring tools		Histogram, exposure alarms, average exposure meter, spot meter (f-stop)			
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			
Image settings		Custom and preset gray balance, ISO, selectable image-setting tags, IPTC and EXIF metadata			
Cameras Supported					
Phase One		645, 645DF			
Mamiya		645AFD, 645AFD II, 645AFDIII, RZ67, RZ67 Pro II, RZ Pro IId, RB67			
Hasselblad		H and V series (not including 200 and 2000 versions)			
Contax		645			
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			
Additional					
Operating conditions		Back: 0°–40°C (32°–104°F), Humidity: 15%–80% RH (non-condensing)			
Properties		Dimensions: W 95 x H 82 x D 59 mm, Weight: 600g (1.3lb)			
Conformed Standards		CE, FCC, CSA			
Portable storage options		CF cards and high volume portable FireWire disks.			
Portable power		Leaf battery: 2350mAh power Samsung SBL-160, 1850 mAh power (single-size battery) Samsung SBL-320, 3200 mAh power (dual size battery)			

About Leaf

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 solution vendor for the world's leading photographers.

For more information
visit www.leaf-photography.com

Leaf Imaging US

200 Broadhollow Road - Suite 312
Melville, 11747 NY
Email: sales@leaf-photography.com

Leaf Imaging Europe

Roskildevej 39,
DK-2000 Frederiksberg
Denmark
Email: sales@leaf-photography.com

Leaf Imaging Asia Pacific

Rm 1009, 10/F, Eight Commercial Tower
8 Sun Yip Street, Siu Sai Wan, Hong Kong
Email: sales@leaf-photography.com

Distributor information:

Leaf

A PHASE ONE COMPANY