

Leaf Aptus-II

Digital Camera Backs

Leaf Aptus-II 12	80 MP
Leaf Aptus-II 10	56 MP
Leaf Aptus-II 8	40 MP
Leaf Aptus-II 7	33 MP
Leaf Aptus-II 6	28 MP
Leaf Aptus-II 5	22 MP



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.



Highest Resolution

The Leaf Aptus-II family includes the new Leaf Aptus-II 12 and Aptus-II 12R. Offering the best price-performance ratio of any 80MP single-shot capture device, the Leaf Aptus-II 12 allows you to take your photography further by capturing the highest quality, single-shot images possible. Working closely with our sensor manufacturer, we developed a full frame, medium format, 80MP CCD sensor, measuring 53.7 x 40.3 mm, providing the ability to record the finest detail, eliminating the need to use cumbersome multi-shot solutions. On the Leaf Aptus-II 12R you can change from landscape to portrait orientation with a simple turn of the Leaf Verto internal sensor rotation dial. Enjoy the comfort of keeping the camera upright, rotating just the sensor.

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 advanced CompactFlash (CF) card technology.

Complete Control: Faster Shoot-to-delivery

The Leaf Aptus-II lets you shoot anywhere. Featuring 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, iPad 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.

“My customers expect top performance everyday – both technically and creatively. With my Leaf digital back I know that technically I have nothing to worry about – I can concentrate on maximizing the creativity of my shot!”

Steffen Jahn



Specifications

Leaf Aptus-II	12	10	8	7	6	5	
CCD Size	mm	53.7 x 40.3	56 x 36	44 x 33	48 x 36	44 x 33	48 x 36
	active pixels	10,320 x 7,752	9,334 x 6,000	7,312 x 5,474	6,666 x 4,992	6,096 x 4,558	5,344 x 4,008
	resolution	80 MP	56 MP	40 MP	33 MP	28 MP	22 MP
Capture Rate (sec/frame)		1.5	1	0.8	1.1	1	0.9
File Size	MOS	165 MB	115 MB	80 MB	67 MB	53 MB	42 MB
	MOS Compressed	107 MB	78 MB	56 MB	47 MB	31 MB	21 MB
	TIFF 16-bit	480 MB	345 MB	240 MB	190 MB	159 MB	128 MB
	8 bit RGB	240 MB	172 MB	120 MB	102 MB	80 MB	63 MB
ISO Sensitivity		50-800	80-800	80-800	50-800	50-800	25-400
Dynamic range		12 f-stops					
Exposure time		1/10,000 – 32 seconds					
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")					
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		645DF, 645AF					
Leaf/Sinar		AFi/HY6					
Mamiya		645DF, 645AFD, 645AFD II, 645AFDIII, RZ67, RZ67 Pro II, RZ Pro IId, RB67					
Hasselblad		H 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					
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 (1.3lbs)					
Portable storage options		CF cards and high volume portable FireWire disks.					
Portable power		Leaf battery: 2350mAh power					

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

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