

The Leaf Aptus-II 10R

56 MP Medium Format Digital Camera Back with internally rotating sensor

The Leaf Aptus-II 10R medium format digital camera back allows you to complete your jobs – quickly and comfortably – and capture the highest quality images.

Today's professional photographers need a suitable photography solution to meet their rigorous technical demands. The Leaf Aptus-II 10R is an all new, innovative, high-end digital camera back, geared to the practical needs of professional photographers that often need to change camera orientation.

Quick-Change Orientation

On the Leaf Aptus-II 10R, 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. On the Hasselblad V-series, as well as Mamiya RZ and Bronica cameras, the Leaf Aptus-II 10R allows you to use either a waist level or a prism viewfinder with ease, since otherwise neither viewfinder would be viewable when the camera is tilted on its side. Keep your eye on your subject as you turn the hermetically sealed sensor into a locked position. Furthermore, the sensor will be at less risk to the elements and from dust falling on the IR filter, meaning less spots for you to clean in post production and letting you put more time into shooting.



Faster Workflow

Now, you can easily capture in portrait mode, saving time and minimizing the interference to your flow - concentrating on the shoot. For a flat copy studio setup, where the camera and back are mounted on a copy stand pointing down, you won't have to stop the flow and re-mount the back to change orientation. Also, when shooting handheld or on a tripod, you do not have to take the digital back off the camera, or turn the back, to change orientation.

Uncompromised Image Quality

Preserve the most delicate highlights and distinguish details in deep shadows. 16-bit color, an unsurpassed 12-stop dynamic range, 56 megapixel resolution all work in harmony to bring out natural skin tones, subtle textures and accurate color reproduction.

Leaf Aptus-II digital backs produce images that have been compared to film-like quality - 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-stop dynamic range provides unmatched detail, richness and color, low noise, and striking highlights
- Broad ISO: from 80 to 800

Revolutionary Features

Leaf, working closely with our sensor manufacturer, designed and developed the exclusive 56x36mm sensor. Conceived and built to match the full 56mm wide frame that medium-format cameras were designed with— something that has not been achieved since film cameras. The Leaf Aptus-II 10R true wide frame 56mm sensor is the world's widest medium-format sensor. Unsurpassed dynamic range, brilliant 16-bit color files of up to 345MB, internal rotation and Leaf SensorFlex technology, make it the most flexible sensor in the world.

Sensor Flexibility

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. Leaf SensorFlex technology lets you use all 9,288 x 6,000 pixels, or select a choice of formats that uses only part of the sensor for even greater speed and the file size you want for your job.

Synthesis of Leading Technology

The Leaf Aptus-II 10R integrates the best science and technology to deliver a unique experience in digital photography: Internally rotating Dalsa sensor; easy-to-access controls on the market's only touch screen, brilliantly showing your shots on a large 3.5" (6x7cm) display, and integrating the widest, most versatile 56 MP sensor with leading workflow software.

Specifications

Leaf Aptus-II 10R

CCD Size	mm	56 x 36
	pixels	9288 x 6000
	MP	56 MP
Capture Rate (sec/frame)		1
File Size	MOS	115MB
	MOS lossless compression	78 MB
	TIFF 16 bit	345 MB
	RGB 8 bit	172 MB
	CMYK 8 bit	229 MB
ISO Sensitivity		80-800
Color depth		16 bits (65,536 levels per channel)
Dynamic range		12 f-stops
Color management workflow		Range of 12 profiles including factory profiles
LCD operation		Advanced, bright, high-contrast touch screen interface for indoor or outdoor work, 6 x 7 cm (3.5 in.) English, German, French, Spanish, Italian, Chinese and Japanese Custom and preset gray balance, ISO, selectable image-setting tags, IPTC and EXIF metadata
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)
File management		Preshoot file naming, image flagging, full browsing, creation of job folders, custom file annotations
Leaf RAW file format		A standard, open RAW format compatible with many leading applications
Portable power		Leaf battery 2350mAh power Samsung SBL-160, 1850 mAh power (single-size battery) Samsung SBL-320, 3200 mAh power (dual size battery)
Cameras Supported		Hasselblad V series (not including 200 and 2000 versions) Mamiya RZ67, RZ67 Pro II, RZ Pro IId, RB67 Fuji GX680II, GX680III Bronica SQA/SQAI Compatible view cameras: Alpa, Arca-Swiss, Cambo, Horseman, Linhof, Sinar, Toyo, Rollei X-Act2 and others via Leaf Graflok or third-party adapters
Portable storage options		CF cards and high volume portable FireWire disks
Conformed Standards		CE, FCC, CSA
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), Humidity: 15%–80% RH (non-condensing)



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.

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