

S
M
E
T
S
Y
S
T
U
P
I

Leafvolare



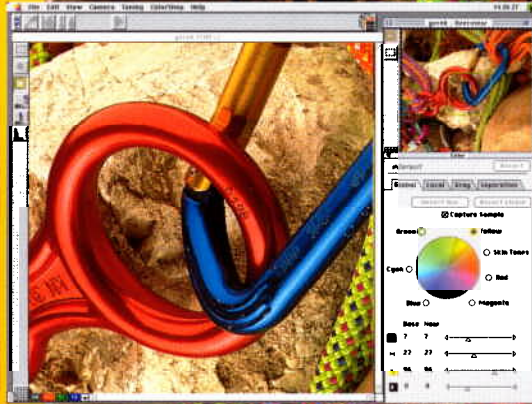
LEAF VOLARE

POWERFUL DIGITAL CAMERA BACK
For Professional Still-Life and Studio Photography

OPEN TO A WORLD OF COLOR



All the
Way to



Leaf VHTwist eliminates the need to physically rotate the camera. Just turn the handle to the orientation you want, and shoot!



The Leaf Volare digital camera back mounts easily on most professional medium- and large-format cameras

LEAF VOLARE

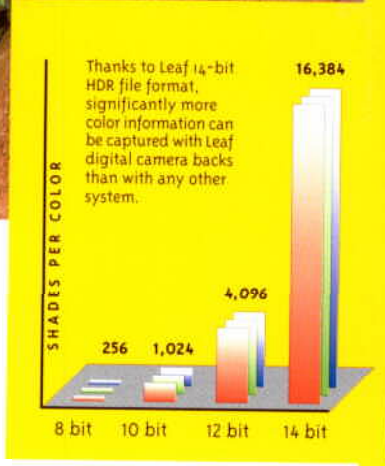
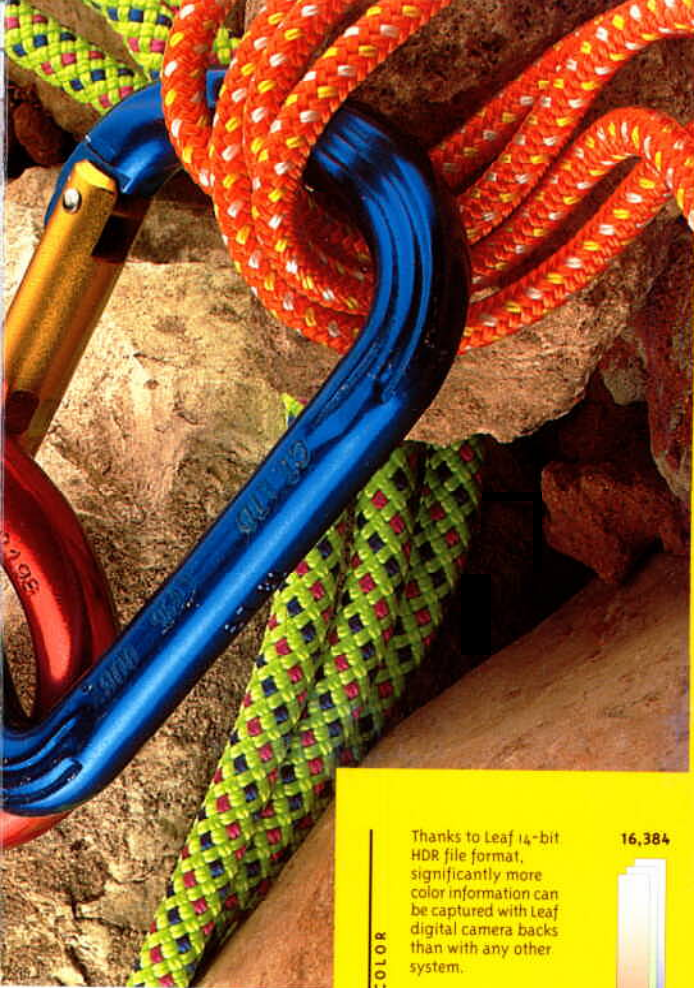
Capture a world of color with the Scitex Leaf Volare, a high-quality digital camera back dedicated to professional still-life and studio photography. Incorporating multiple technologies, including an actively cooled 2048x3072-pixel CCD and Leaf VHTwist, the Leaf Volare three-shot camera back allows you to create non-interpolated, 36-megabyte images

ACTIVELY COOLED 2Kx3K CCD PROVIDES CRYSTAL-CLEAR IMAGES

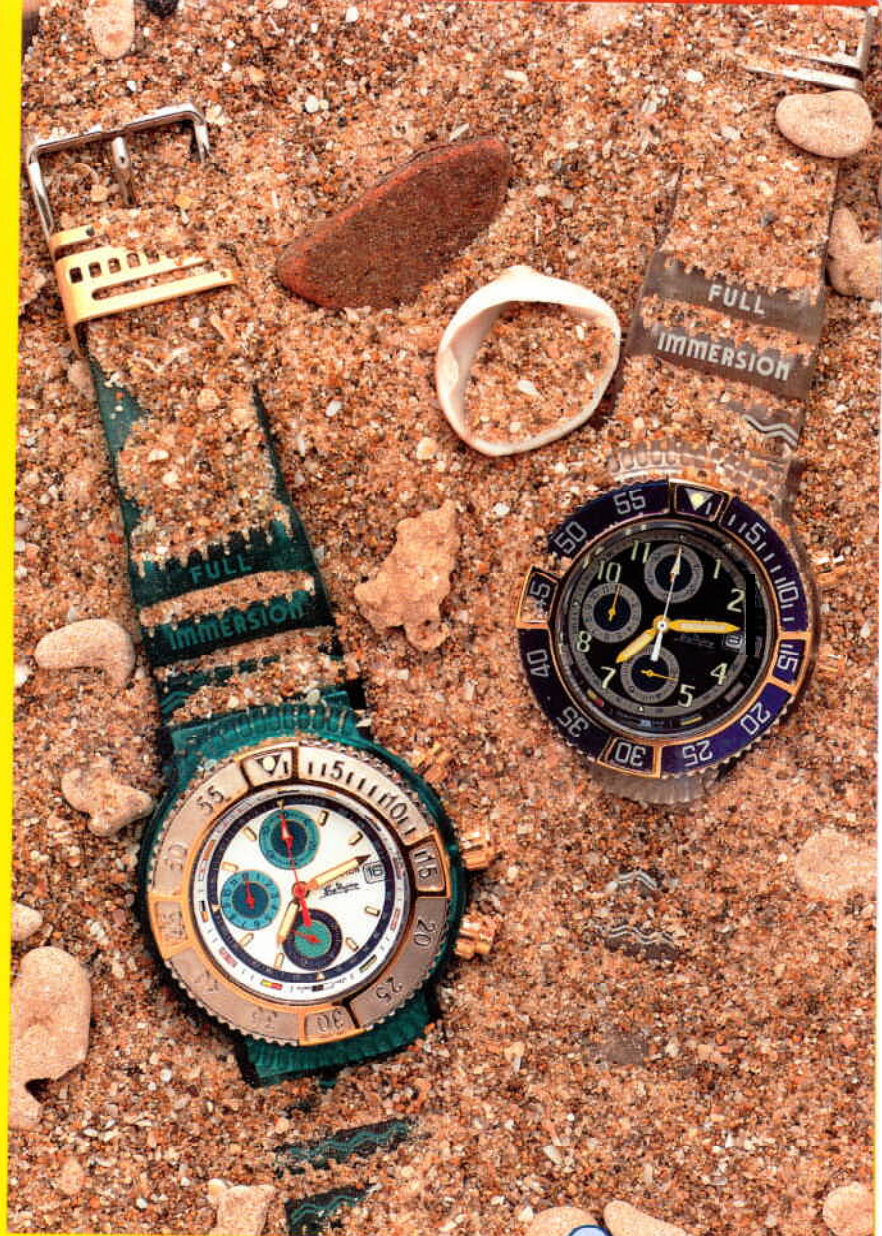
The Leaf Volare™ digital camera back includes a 2048x3072-pixel rectangular CCD for capturing maximum color information. A newly developed active cooling system, incorporated in the camera back, contributes greatly to noise reduction and image quality. By continuously adjusting the temperature of the CCD to the optimal level, it enables the CCD to capture full detail and subtle tone gradations, even in the darkest shadow.

LEAF VHTwist FOR HIGH-RESOLUTION VERTICAL AND HORIZONTAL FORMATS

The Leaf VHTwist™ (patent pending) CCD is a unique technology introduced in the Leaf Volare digital camera back for capturing images in the highest resolution. With the entire 6 megapixel CCD head rotating to



Thanks to Leaf 14-bit HDR file format, significantly more color information can be captured with Leaf digital camera backs than with any other system.



Three-shot technology triples the resolution, detail and quality over one-shot technology.



LEAF HDR FILE FORMAT CAPTURES FULL DETAIL

Significantly more color information can be captured with Leaf digital camera backs than with any other system. Using the Leaf 14-bit HDR (High Dynamic Range) file format, images can be saved or archived without any loss of data. This assures maximum color detail is available for processing and repurposing.

THREE-SHOT TECHNOLOGY COMMITTED TO QUALITY, DEDICATED TO STILL-LIFE

With a one-shot camera, individual pixels can only receive information from one part of the color spectrum: red, or green or blue.

the Leaf Volare camera back, each and every pixel receives full red, green and blue non-interpolated data for achieving three times more resolution, detail and quality.

QUICK TO COMPOSE, QUICK TO SHOOT

Live Video Preview enables you to compose, focus and adjust lighting while viewing the changes in real time on the computer screen. **Leaf LiveFocus** provides a sharp, full-resolution preview for precise focus during image capture. Zooming and magnifying capabilities allow inspection of the smallest area, while a graphical indicator displays focus status to further improve accuracy.

Easy to use, it allows you to accurately match the composition to the designer layout by superimposing the layout on the Live Video Preview display. You can also use an archived image as your layout.

LEAF COLORSHOP PREPRINT PRODUCTION PACKAGE

Incorporating advanced Scitex preprint technology, the award-winning Leaf ColorShop™ application provides a complete solution from image capture all the way to print. Intuitive, easy to use and very powerful, it enables you to create high-quality CMYK files. Scaling capabilities together with unsharp masking allow you to

LEAF VOLARE SPECIFICATIONS



Technology:

Three-exposure color, single-exposure black-and-white images

Sensor:

Actively cooled 2048 x 3072-pixel CCD
Leaf VHTwist CCD for vertical and horizontal orientation
Anti-blooming for capturing bright subjects

File Size:

36 Mb HDR file

Lighting:

Compatible with virtually all studio lighting equipment, including electronic strobe, tungsten, daylight and HMI

Exposure:

ASA/ISO 25 equivalent for color
ASA/ISO 200 equivalent for black-and-white
Handles shutter speeds from 1/1000 to 32 seconds

Dynamic range:

14 bits per pixel per color (16,384 gray levels)
Dynamic range greater than 12 f-stops

Live video:

Live Video Preview
Full frame 512 x 768 pixel preview
Leaf LiveFocus: full resolution (1:1) viewing and contrast meter
Leaf Digital Layout: for matching a scene composition to layout

Video exposure control:

Automatic and manual brightness control
Video shutter speed control
Loupe function: 1:1 and 2:1 loupe
Grid lines for image alignment
Tilt and swing focus axes indicators (Sinar cameras only)

Interface options:

Sinarcam, Hasselblad, Mamiya, Fuji 645

Macintosh configuration (minimum):

Power Macintosh computer
System 8.1
128 Mb RAM
Monitor and video card for minimum 1024 x 768 pixels at 24 bits/pixel
Unoccupied slot for Leaf PCI interface card

PC configuration (minimum):

Microsoft Windows NT™ 4.0
Pentium II 233 MHz
128 Mb RAM
Monitor and video card for minimum 1024 x 768 pixels at 24 bits/pixel
Unoccupied slot for Leaf PCI interface card

Software configuration:

LeafCapture application
ColorShop (optional) for RGB to CMYK conversion

Dimensions (approximate W x H x D):

8 x 5 x 4 in. (200 x 130 x 95 mm)

Weight:

2.86 lb (1.3 kg)

Power requirements:

100-240 VAC, 50/60 Hz automatic switching

Specification Conformance:

CE, UL, CSA, TUV, FCC class A



OPEN TO A WORLD OF COLOR



Scitex, the Scitex logo and the taglines OPEN TO A WORLD OF COLOR and ALL THE WAY TO PRINT, Leaf, Leaf Volare, Leaf VHTwist, Leaf Digital Layout and Leaf ColorShop are trademarks of Scitex Corporation Ltd. or its wholly-owned subsidiaries and may be registered in certain jurisdictions. Sinarcam is a trademark of Sinar AG, which may be registered in certain jurisdictions. Macintosh is a trademark of Apple Computer, Inc. registered in the U.S. and other countries. Microsoft Windows NT is a trademark of Microsoft Corporation registered in the USA and other countries. Other company and brand, product and service names are

Professional Marketing Services, Inc.
4802 East Ray Road, Suite #2328
Phoenix, AZ 85044-6417
P: 480-940-5400 F: 480-940-5488

