



Leaf Aptus 22, Leaf Aptus 17



The next generation of portable and studio digital camera backs has arrived—and its name is the Leaf® Aptus. Leaf Aptus is built for the portability and ease-of-use you love, yet delivers the toughness and efficient workflow you need. The Leaf Aptus product line includes the Leaf Aptus 22 and Leaf Aptus 17, with resolutions of 22 and 17 megapixels respectively. This extraordinary back combines intuitive design, robust shooting, and an efficient workflow with exceptional image quality. As the world's first camera back with a built-in 6 x 7 cm LCD and a touch-screen user interface, the Leaf Aptus allows you to work intuitively, accessing any point on your image with one touch for quick evaluation.

With the Leaf Aptus, you can shoot at a rate of up to 1.2 sec per frame and with an uninterrupted burst of 1000 frames. You'll streamline your work with pre-shoot settings and powerful image-editing tools. These capabilities, combined with spacious storage options, give you the flexibility to meet the most demanding shoot situations and customer requirements. Unique display technology, a new raw HDR format (cHDR) that uses lossless compression to reduce file size, and a completely new Leaf Capture 10 application enhance workflow and teamwork both on location and in the studio.

All this without losing sight of what's most important to you and to us: the uncompromised image quality that you count on from Leaf.

Intuitive design

- **6 x 7 cm LCD**

Easily evaluate and edit your images with the world's first LCD of this size.

- **Touch-screen interface**

Easily touch any spot on your image during a shoot, for quick and easy evaluation.

- **User button**

Return instantly to the functions you use most as you shoot.

Robust shooting

- **Fast capture rate**

Rate of up to 1.2 sec per frame enables you to capture the decisive moment.

- **Flexible storage options**

Choose the storage method that fits each shooting situation. On location, try a light CF card, or shoot to the fast and removable 20 GB or 30 GB Leaf Digital Magazine. Shoot directly to a high-volume portable FireWire disk if you need to capture thousands of images in a row, or shoot straight to a computer when feasible.

- **Durable, robust design**

The Leaf Aptus is built to last. Its chassis is made from aircraft-grade aluminum for reliability and longevity.

Efficient Workflow

- **Pre-shoot setup**

Save time on post-shoot organization and processing. Determine your image settings, name images and shoot folders, and even copyright your images before you shoot them.

Leaf Capture 10

- **Unique Digital Loupe tool**

A digital Loupe tool is included in the new Leaf Capture 10 software. This feature enables you to access high-resolution raw data directly from any size preview or thumbnail.

- **Image editing tool**

Enables you to adjust, select, and process images quickly and efficiently.

Master Your Image

www.leaf-photography.com

Leaf Aptus Specifications

Technology:

Full frame CCD
Dual Sensor Readout (DSR) for double capture speed (patent pending)
Cooling fan for efficient heat removal

Resolution:

Leaf Aptus 22: 5356 x 4056
Leaf Aptus 17: 4716 x 3576

CCD format (4:3 ratio):

Leaf Aptus 22: 48 x 36 mm
Leaf Aptus 17: 43.2 x 31.7 mm

Dynamic Range:

12 f-stops

Color Depth:

16-bit (65,536 levels per color)

ISO:

25, 50, 100, 200, 400

File Size (Leaf Aptus 22/Leaf Aptus 17):

Leaf 16-bit HDR file: 126MB/99MB
Leaf 16-bit raw HDR file: 42MB/33MB
Compressed raw 16-bit HDR (cHDR) Lossless cHDR: ~21MB/~17MB
8-bit RGB: 63MB/48MB
8-bit CMYK: 84MB/65MB

Capture Speed:

Up to 1.2 sec per frame (depends on configuration)

LCD Screen (built in):

Size: 3.5 in.
Pixels: 211,680
Advanced touch-screen interface

Functionality on LCD:

Pre-shoot file naming, image flags, full browsing and file management, create job folders, preview up to 20 images on one screen, true zoom to verify focus, histogram, exposure alarms, average exposure meter, spot meter (f-stop), custom and preset gray balance, ISO, selectable image-setting tags, metadata, custom file annotations, and more

Battery type:

Leaf battery: 2350 mAh power
Or third party batteries compatible with:

- Samsung SBL-160; 1850 mAh power (single size battery)
- Samsung SBL-320; 3200 mAh power (dual size battery)

Portable storage options:

Compact Flash (CF) card type II (read/write speed depends on CF)
The following CF cards are compatible and tested:

- SanDisk Extreme TM III (recommended for best performance)
- SanDisk Ultra® II
- Lexar CF Pro Series 80x

20 GB or 30 GB Digital Magazine (read/write speed—17 MB per sec)
High-volume portable FireWire disks are optional

Dimensions:

Size: W95 x H82 x D59
Weight: 600 gr. (1.3 lb)

Operating Conditions:

Back: 0-40° C (32-104° F)
Digital Magazine: 5-50° C (41-122° F)
Humidity: 15-80% RH (non-condensing)

Conforms to:

CE Mark, FCC, CSA

Cameras Supported:

Hasselblad: H1 and V series
Mamiya: 645AFD, RZ67, RB67, 645AFD II, RZ67 Pro II
Contax: 645AFD
Fuji GX680
Bronica SQA/ETRS
View cameras: Sinar, Toyo, Cambo, Linhof, Horseman, Rollei X-Act, including Rollei electronic shutter, and others



Creo Leaf Headquarters
P.O. Box 330
Herzlia Industrial Park
46103 Herzlia B, Israel
Tel. 972-9-959-7910
Fax. 972-9-952-9143

Leaf America
8 Westchester Plaza
Elmsford, NY 10523
USA
Tel. 866-4US-LEAF
Fax. 866-487-4473

Leaf Europe
Waterloo Office Park
Dreve Richelle 161
B-1410 Waterloo, Belgium
Tel. 32-2-352-2769
Fax. 32-2-352-2817

Creo Asia Pacific Ltd.
3/F 625 King's Road
North Point
Hong Kong
Tel. 852-2882-1011
Fax. 852-2881-8897

Creo Japan Inc.
Ikebukuro TG Homest Bldg.
1-17-8, Higashi-Ikebukuro
Toshima-ku, Tokyo, 170-0013
Tel. 81.3.5954.9050
Fax. 81.3.5954.9055

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