



Leaf Aptus 54S

Full-frame and high-speed, for commercial & fashion photography



Highest **SPEED**

The **Leaf** Aptus S-Series digital camera backs achieve the fastest shooting speed in the industry. The **Leaf** Aptus 54S captures at 0.87 seconds per frame, or 75 frames per minute. Burst depths are now practically unlimited, and portable shooting is now an unparalleled 53 frames per minute using the latest communication, chipset and CF technologies.

Superior **IMAGE QUALITY**

Leaf is about technology that makes no compromises, and image quality that has no limits. As an image connoisseur, you know how important film-like quality is—and the **Leaf** Aptus 54S camera back delivers it. The 22-megapixel sensor means lush color, fine detail, rich highlights and deep shadows—all in a high dynamic range. And because you can view your RAW images at 100%, even on the back itself, you control the quality at all times.

Maximum **PORTABILITY**

The **Leaf** Aptus 54S offers you a range of options that enable you to shoot anywhere, including wireless connectivity via **Bluetooth**.

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.

Unique **FUNCTIONALITY**

Leaf has designed a large variety of unique features and options, dedicated to maximizing the way you work. The spacious 6 x 7 cm touch screen puts you one tap away from a variety of functions and pre-defined settings you need both before and during the shoot.

Protecting your **INVESTMENT**

Your **Leaf** back has the highest resale value on the market, even after many years of use. And to ensure that you can always be using the best, **Leaf** offers an industry-leading upgrade policy.

Speed

- Fastest back in the market
- Fastest image transfer speed, achieved by using the latest **FireWire 800** technologies
- Fastest Read/Write speeds using SanDisk's newest **CompactFlash (CF)** card

Image quality

- 1:1 zoom, editing and adjusting on the actual, RAW image
- Widest range of ISO: from 25 to 400
- Impressive 9 micron pixels for the broadest dynamic range
- 12 f-stop dynamic range
- Sharp, rich detail and film-like quality

Functionality and portability

The **Leaf** Aptus huge 6 x 7 cm touch screen is your perfect workspace and light table, enabling a wide range of functions, directly on the camera back, including:

- Pre-defined and custom settings provide excellent image quality immediately
- Portable file management: easily create and name files and directories for file storage
- Conveniently annotate individual files with text entered, even in portable mode, using an on-screen keyboard
- Intuitively display and manipulate your RAW images in a range of thumbnail sizes, so you can adjust and control your image as you shoot
- Automatic orientation of the image according to camera rotation
- Useful Loupe tool for immediate access to focus control during a shoot
- Wireless connectivity via **Bluetooth**, option to **HP iPaq**
- Ability to use a CF card and any portable hard drive, **Leaf** or other

Leaf RAW file format

The only standard, open, RAW file format available to professional photographers

User button

- Simple to personalize for a variety of functions
- Designed for easy reach while shooting hand-held

Winning Combination

Only the **Leaf** Aptus 54S camera back gives you this exceptional combination of speed, quality, functionality and portability—and the freedom to shoot your way.

Specifications

CCD size:

5356 x 4056 pixels

48 mm x 36 mm

Dynamic range:

12 f-stops

Color depth:

16 bits (65,536 levels per channel)

ISO:

25, 50, 100, 200, 400

File size:

16-bit TIFF file: 126 MB

16-bit Leaf RAW file: 42 MB

Compressed (lossless) 16-bit Leaf RAW file: ~ 21 MB

8-bit RGB: 63 MB

8-bit CMYK: 84 MB

Capture rate:

0.87 seconds per frame

(depends on camera and system configuration)

75 frames per minute

Unlimited burst

LCD screen:

Size: 6 x 7 cm (3.5 in.)

Advanced touch screen interface

Available in 7 languages: English, German, French, Spanish, Italian, Chinese and Japanese

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 1:1 zoom to verify focus, histogram, exposure alarms, average exposure meter, spot meter (f-stop), custom and preset gray balance, ISO, selectable image-setting tags, IPTC and EXIF 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)



Color Management:

Range of 12 profiles, including: **Adobe** RGB, sRGB and ECI-RGB. Color or black-and-white mode

Conforms to:

CE, FCC, CSA, RoHS

Portable storage options:

CF card type II (read/write speed depends on CF)

Tested CF cards:

- **SanDisk Extreme** series (recommended for best performance)
- **SanDisk Ultra II** series
- **Lexar** CF Pro series

Leaf Digital Magazine (read/write speed: 17 MBps)

High-volume portable **FireWire** disks

Dimensions:

Size: W 95 x H 82 x D 59

Weight: 600 g (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)

Cameras supported:

Hasselblad: H1, H2 and V series (not including 200 and 2000 versions)

Mamiya: 645AFD, 645AFD II, RZ67, RZ67 Pro II, RZ Pro IId, RB67

Contax: 645AF

Fuji: GX680II, GX680III

Bronica: SQA/SQAi/ ETRSi

View cameras: **Arca, Alpa, Cambo, Horseman, Linhof, Sinar, Toyo, Rollei X-Act II** - (including **Rollei** electronic shutter) - and others via **Leaf Graflok** or 3rd-party adaptors

Kodak II, Ltd.
P.O.Box 330
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

Leaf Asia Pacific
Rm 1009, 10/F,
Eight Commercial Tower
8 Sun Yip Street, Siu Sai
Wan Hong Kong
Tel: 852-2896-7088
Fax: 852-2898-1628

Kodak Japan Inc.
Kenkyusha Bldg.
2-9 Kanda Surugadai
Chiyodaku Tokyo, 101-0062
Japan
Tel 81-3-5259-9300
Fax 81-3-5259-9325

©2006 Kodak. All rights reserved. Leaf is a trademark of Kodak. Adobe, Photoshop, and Lightroom are trademarks of Adobe Systems Incorporated. FireWire is a trademark of Apple Computer, Inc., registered in the U.S. and other countries. Catalog no. 650-00782A-EN

www.leaf-photography.com