Sophisticated applications answer professional needs.

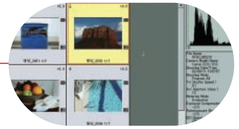
NEW FILE VIEWER UTILITY FOR MORE CONVENIENT HANDLING OF RAW IMAGES.

This new stand-alone application enables "development" of RAW images, viewing of images, and customisation of camera settings right in the camera. It thus dramatically simplifies operation and accelerates image processing. The utility comes bundled with software that supports the latest operating systems* and handles various tasks, including image viewing and management, remote control of the camera, layout printing and image editing.

* Mac OS X compatibility planned for first quarter of 2003.

THE WORLD'S FIRST DIGITAL SLR THAT CAN PROVE ITS IMAGES ARE UNALTERED, ORIGINAL FILES.

An optional accessory Data Verification Kit DVK-E1 consisting of a dedicated IC card and card reader, together with special Windows 2000/XP software is available to verify that EOS-1Ds image files are absolutely unaltered. This may well be a landmark for digital imaging in law enforcement and many other documentary uses.



Thumbnail display

EOS 1-Ds Specifications

TYPE	
TYPE DIGITAL	AF/AE SLR
RECORDING MEDIUM	Type I or II CF card
IMAGE SIZE	35.8 x 23.8 mm (1.4 x 1 in.)
COMPATIBLE LENSES	Canon EF lenses
LENS MOUNT	Canon EF mount
IMAGING ELEMENT	
TYPE	High-sensitivity, high-resolution, large single-plate CMOS sensor
PIXELS	Effective pixels: Approx. 11.1 megapixels Total pixels: Approx. 11.4 megapixels
ASPECT RATIO	3:2
COLOUR FILTER SYSTEM	RGB primary colour filter
LOW-PASS FILTER	Located in front of the CMOS sensor, non-removable
RECORDING SYSTEM	
RECORDING FORMAT	Design rule for Camera File system (except Colour Matrix 4) and RAW
IMAGE FORMAT	JPEG, RAW (12bit)
RAW+ JPEG SIMULTANEOUS RECORDING	Provided
FILE SIZE	(1) Large/Fine: approx. 4.1 MB (4064x2704 pixels) (2) Large/Normal: approx. 1.7 MB (4064x2704 pixels) (3) Small/Fine: approx. 1.4 MB (2032x1352 pixels) (4) RAW: approx. 11.4 MB (4064x2704 pixels) * Exact file sizes depend on the subject and ISO speed.
FOLDERS	Folder creation and selection is possible
FILE NUMBERING	(1) Consecutive numbering (2) Auto reset (3) Manual reset
PROCESSING PARAMETERS	Standard parameters plus up to three custom processing parameters can be set
INTERFACE	IEEE 1394 (with dedicated cable)
WHITE BALANCE	
SETTINGS	Auto, daylight, shade, overcast, tungsten light, fluorescent light, flash, custom, colour temperature setting, personal white balance (Total 10 settings)
AUTO WHITE BALANCE	Hybrid auto white balance with the CMOS sensor and a dedicated, external sensor
PERSONAL WHITE BALANCE	Up to three personal white balance settings can be registered
COLOUR TEMPERATURE COMPENSATION	White balance bracketing: +/- 3 stops in full-stop increments
COLOUR MATRIX	
TYPE	Two types of colour space, sRGB and Adobe RGB. Preferable type is selectable out of four types of color tone in sRGB (Total 5 types).
VIEWFINDER	
TYPE	Glass pentaprism
COVERAGE	Approx. 100 percent vertically and horizontally with respect to the effective pixels
MAGNIFICATION	0.7x (-1 diopter with 50mm lens at infinity)
EYEPOINT	20 mm
BUILT-IN DIOPTRIC CORRECTION	-3.0 to +1.0 diopter
FOCUSING SCREEN	Interchangeable (9 types) Standard focusing screen: Ec-CIII
MIRROR	Quick-return half mirror (Transmission: reflection ratio of 37:63, no mirror cut-off with EF 1200mm f/5.6 or shorter lens)
VIEWFINDER INFORMATION	AF information (AF points, focus confirmation light), exposure information (shutter speed, aperture, manual exposure, metering range, ISO speed, exposure level, exposure warning), flash information (flash ready, FP flash, FE lock, flash exposure level), JPEG format, number of remaining shots, CF card information
DEPTH-OF-FIELD PREVIEW	Enabled with depth-of-field preview button
EYEPIECE SHUTTER	Built-in
AUTOFOCUS	
TYPE	TTL-AREA-SIR with a CMOS sensor
AF POINTS	45 AF points (Area AF)
AF WORKING RANGE	EV 0-18 (at ISO 100)
FOCUSING MODES	One-Shot AF AI Servo AF Manual focusing (MF)
AF POINT SELECTION	Automatic selection, manual selection, home position (switch to registered AF point)
SELECTED AF POINT DISPLAY	Superimposed in viewfinder and indicated on top LCD panel
AF-ASSIST BEAM	AF-assist beam is emitted by the dedicated Speedlite
EXPOSURE CONTROL	
METERING MODES	TTL full aperture metering with 21-zone SPC (1) Evaluative metering (linkable to any AF point) (2) Partial metering (approx. 8.5% of viewfinder at center) (3) Spot metering • Centre spot metering (approx. 2.4% of viewfinder at center) • AF point-linked spot metering (approx. 2.4% of viewfinder) • Multi-spot metering (Max. 8 spot metering entries) (4) Centreweighted average metering
METERING RANGE	EV 0-20 (at 20ºC with 50mm f/1.4 lens, ISO 100)
EXPOSURE CONTROL SYSTEMS	Program AE (shiftable), shutter-priority AE, aperture-priority AE, depth-of-field AE, E-TTL autoflash, manual, flash metered manual
ISO SPEED RANGE	Equivalent to ISO 100-1250 (in 1/3-stop increments), ISO speed can be expanded to ISO 50 with C.Fn 3-1.
EXPOSURE COMPENSATION	Auto exposure bracketing (AEB): +/- 3 stops in 1/3-stop increments. Bracketing methods: 1. Shutter speed or aperture 2. ISO speed User-set: +/-3 stops in 1/3-stop increments (can be combined with AEB)
AE LOCK	Auto: Operates in One-Shot AF mode with evaluative metering when focus is achieved. Manual: By AE lock button in all metering modes.
SHUTTER	
TYPE	Electronically-controlled, focal-plane shutter
SHUTTER SPEEDS	1/8000 to 30 sec. (1/3-stop increments), bulb, X-sync at 1/250 sec.
SHUTTER RELEASE	Soft-touch electromagnetic release
SELF-TIMER	10-sec. or 2-sec. delay.
REMOTE CONTROL	Remote control with N3 type contact
FLASH	
EOS-DEDICATED SPEEDLITE	E-TTL autoflash with EX series Speedlite
PC TERMINAL	Provided
DRIVE SYSTEM	
DRIVE MODES	Single/Continuous
CONTINUOUS SHOOTING SPEED	Approx. 3 fps
MAX. BURST DURING CONTINUOUS SHOOTING	10 shots * The maximum shots per burst depends on the subject, shooting mode, and ISO speed.
LCD MONITOR	
TYPE	TFT color LCD monitor
MONITOR SIZE	2.0 inches
PIXELS	Approx. 120,000
COVERAGE	100% with respect to the effective pixels
BRIGHTNESS CONTROL	Adjustable to one of five levels
IMAGE PLAYBACK	
IMAGE DISPLAY FORMAT	1. Single image with information 2. Single image 3. Four-image index 4. Nine-image index 5. Magnified view (P.Fn-30)
HIGHLIGHT ALERT	In display formats 1 and 2 above, any overexposed highlight areas will blink in the image display.
IMAGE PROTECTION AND ERASE	
PROTECTION	Erase protection of one image, all images in a folder, or all images in the CF card can be applied or cancelled at one time.
ERASE	One image, all images in a folder, or all images in the CF card can be erased (except protected images) at one time.
SOUND RECORDING	
RECORDING METHOD	The voice narration recorded with the built-in microphone is attached to the image.
FILE FORMAT	WAV
RECORDING TIME	Max. 30 sec. per recording
MENUS	
MENU CATEGORIES	1. Recording menu 2. Playback menu 3. Set-up menu 4. Custom/Personal Functions menu
LCD MONITOR LANGUAGE	Japanese, English, French, German, Spanish
FIRMWARE UPDATE	Update possible by the user
CUSTOMISING FUNCTION	
CUSTOM FUNCTIONS	21 with 67 settings
PERSONAL FUNCTIONS	26
POWER SOURCE	
BATTERY	One Ni-MH Pack NP-E3 * AC power can be supplied via the AC adapter and DC coupler.
NUMBER OF SHOTS	At 20ºC/68ºF: Approx. 600 At 0ºC/22ºF: Approx. 450 * The above figures apply when a fully-charged Ni-MH Pack NP-E3 is used.
BATTERY CHECK	Automatic
POWER SAVING	Provided. Power turns off after 1, 2, 4, 8, 15, or 30 min.
BACK-UP BATTERY	One CR2025 lithium battery
DIMENSIONS AND WEIGHT	
DIMENSIONS (W X H X D)	156 x 157.6 x 79.9 mm / 6.1 x 6.2 x 3.1 in.
WEIGHT	1265 g / 44.6 oz. (body only. battery: 335 g /11.8 oz.)
WORKING CONDITIONS	
WORKING TEMPERATURE RANGE	0 - 45ºC / 32 - 113ºF
WORKING HUMIDITY	85% or lower

you can
Canon

WWF Canon Conservation Partner

Canon Inc.
30-2 Shimomaruko
3-Chome, Ohta-ku
Tokyo 146-8501
Japan

Canon Europa NV
Bovenkerkerweg 59-61
1185 XB Amstelveen
The Netherlands

www.canon-europa.com

Canon (UK) Ltd
Woodhatch
Reigate
Surrey
RH2 8BF

Tel 08705 143723
Fax 08705 143340

www.canon.co.uk

English Edition 0032W920

All data is based on Canon's standard testing and measuring methods. Errors and omissions excepted. Specifications and physical appearance are subject to change without notice.

you can
Canon

EOS-1Ds DIGITAL

11.1 million pixels. A full-frame CMOS sensor. This is what professionals have been asking for.

The numbers are staggering: 11.1 million pixels. 3 fps for up to 10 consecutive frames in a burst. It's digital like you've never seen before.

THE EOS-1Ds ADVANTAGE STARTS AT THE IMAGING SENSOR.

And what a tremendous breakthrough it is. A full-frame CMOS sensor – manufactured by Canon – with an imaging area of 24x36mm, the same dimensions used by full-frame 35mm SLRs. It has 11.1 million effective pixels with a maximum resolution of 4,064 x 2,704 pixels. This is almost double the resolution currently considered state-of-the-art by most professionals.

YOUR WIDE-ANGLE LENSES ACT LIKE WIDE-ANGLE LENSES.

Finally, every Canon EF lens will work to true magnification on a digital SLR as it does on your 35mm film cameras. It's one less thing for the pro to think about on location, and it's one more thing to ease the transition from film to digital. Even for wide-angle shooters.

THE PROVEN PERFORMANCE OF CANON'S OWN CMOS TECHNOLOGY EVOLVES TO THE NEXT LEVEL.

The EOS D30 and D60 showed the world how Canon-developed CMOS imaging sensors combine superb color, dynamic range, and low noise. Now, the EOS-1Ds almost doubles the D60's resolution for a quantum leap in digital image quality. With the same Canon CMOS benefits.

BATTERY LIFE HAS BEEN IMPROVED BY REDUCING POWER CONSUMPTION.

Battery longevity is an important consideration, particularly when shooting outdoors. Fortunately, CMOS sensors consume less power than CCD sensors of the same resolution. Moreover, the EOS-1DS's electronic circuits ensure that electricity flows only to active components, in the absolute minimum required amounts. Thanks to the EOS-1DS's efficiency, the NP-E3 battery pack lasts for up to 600 exposures (at normal temperatures) on a single charge.

EXCLUSIVE NEW TECHNOLOGY MEETS THE CHALLENGE OF PROCESSING LARGE FILES.

Today's digital pros demand speed and responsiveness along with high quality, and Canon has developed new 2-channel reading to ensure that the EOS-1DS delivers both. It doubles the reading speed of previous systems, and turns the dream of combining incredible 11.1 million pixel resolution with 3 fps shooting speeds into a reality.

More exclusive technology: Canon's imaging engine.

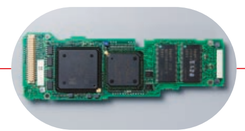
UNPRECEDENTED FILE SIZES, PROCESSED WITH UNPRECEDENTED QUALITY AT UNPRECEDENTED SPEED.

The EOS-1DS's imaging engine is one of the keys to its exceptional image quality. This advanced "chip" processes and assembles image data captured by the sensor to achieve the same colour accuracy and wide tonal range as regular film-based cameras. Even with almost twice the pixel resolution of previous pro cameras, the imaging engine still supports a 10-frame buffer memory at framing rates up to 3 fps!

EXTENSIVE NOISE REDUCTION MEASURES ENSURE IMAGES OF CONSISTENT HIGH QUALITY.

The EOS-1DS reduces noise through various refinements. Dark current countermeasures and noise reduction processing in the imaging engine, for example, contribute to an extremely high S/N ratio, and an extremely low level of noise in the EOS-1DS's images.

CMOS sensor (Actual size)



Imaging engine

Versatile colour control at the user's fingertips

10 WHITE BALANCE (WB) MODES AND WB BRACKETING ALLOW VERSATILE RESPONSE TO DIFFERENT LIGHTING CONDITIONS.

The goal: accurate overall colour balance in each and every image you shoot. The method: an incredible array of white balance (WB) options, including a Canon exclusive – manual adjustment of colour temperature in 100K increments from 2,800K to 10,000K – and even a white balance bracketing function. The EOS-1DS places colour control where it should be: in the hands of the photographer.

ADJUST DEFAULT IMAGING SETTINGS IN THE CAMERA, USING PARAMETERS

The EOS-1DS user has flexibility beyond the expected. Shooting in high or low contrast conditions? Add a parameter set with an adjusted Tone Curve*, and call it up on the menu whenever you want. Similar changes can be made to the amount of JPEG compression, and two types of in-camera sharpening.

* Tone curve settings must be customised and uploaded into the EOS-1DS via computer.

COLOUR MATRIX: YOUR CHOICE OF COLOUR SATURATION AND COLOUR SPACE.

Canon's unique Colour Matrix function lets you select any of five different colour characteristics. The Colour Matrix 4 setting, for example, is optimised for Adobe RGB 1998 and provides a broad colour spectrum with low saturation.

ONLY DIGITAL CAMERAS GIVE YOU THIS KIND OF FREEDOM WITH ISO SPEEDS.

Any ISO speed in the normal 100 to 1250 ISO range can be selected in 1/3-stop increments. When specialised needs arise, a Custom Function allows you to choose an ISO setting of 50. ISO speed bracketing is also possible (±3 stops in 1/3-stop increments), enabling exposure to be varied while keeping the same shutter speed and aperture settings.

A LARGE, 2-INCH TFT LCD MONITOR, NOW WITH THE OPTION TO MAGNIFY IMAGES.

The high-definition LCD monitor on the back of the EOS-1DS can display vital information such as shooting and image data, a histogram and high-lighted alerts. An enlargement mode available via Personal Function allows you to check the focus more closely by selecting and enlarging one of 25 sections of the image.

EOS-1Ds DIGITAL

The EOS-1DS is fully compatible with all Canon EF lenses, from ultra-wide-angle to super-tele-photo. Canon's professional L-series lenses have received worldwide acclaim from professionals.

All the strength, responsiveness, and versatility you expect from Canon's best.

3 FPS CONTINUOUS SHOOTING FOR UP TO 10 SHOTS, EVEN AT THE HIGHEST QUALITY SETTING.

Fast data reading by the CMOS sensor and rapid imaging processing by the high-performance imaging engine together achieve a continuous shooting speed of 3 fps even at the highest quality setting.

SIMULTANEOUS RAW AND JPEG IMAGE RECORDING FOR ULTIMATE QUALITY AND CONVENIENCE.

The RAW image format is ideal for printing and processing, while the JPEG format is convenient for quickly checking images and transferring data. With the EOS-1DS you can record every shot in both of these formats simultaneously, at full speed, for maximum productivity.

HIGH-SPEED IEEE1394 INTERFACE AND LARGE-CAPACITY FAT32 FORMAT, THE RIGHT COMBINATION FOR ULTRA HIGH-QUALITY IMAGE DATA.

The EOS-1DS comes equipped with an IEEE1394 ("FireWire®") interface, allowing speedy plug-and-play data communication with computers. For studio photography, new 4.5m IEEE1394 cables are available. The camera automatically formats the CF card for either FAT16 or FAT32 according to the maximum storage capacity. FAT32 is selected for capacities higher than 2GB.

CAPTURE THE EXACT MOMENT WITH A TOP SHUTTER SPEED OF 1/8000 SEC.

The same durable, high-speed, high-precision mechanical shutter that professionals have come to trust in the EOS-1v is employed in the EOS-1DS. Shutter speed can be selected between 1/8000 and 30 seconds in 1/3-stop increments, with X-sync at up to 1/250 sec.

45-POINT AREA AF FOR FRAMING FREEDOM AND RELIABLE AF PERFORMANCE.

The Area AF system offers 45-point Automatic, 45-point Manual, 11-point Manual, and 9-point Manual settings. Points are spread over an 8 x 15mm AF ellipse that covers a large part of the image.

SIX METERING OPTIONS, FOR TOTAL EXPOSURE CONTROL IN ALMOST ANY SITUATION.

In addition to 21-zone Evaluative Metering, Canon's metering system allows your choice of Centre-weighted Metering, Central Partial Metering, Central Spot Metering, Focusing Point-linked Spot Metering or Canon's unique Multi-Spot metering – the EOS-1DS can automatically average up to eight separate spot meter readings.

HIGH-SPEED RESPONSE ENHANCES EASE OF USE.

With its shutter release time lag of 55ms and viewfinder blackout time of only 87ms, the EOS-1DS's operation feels identical to that of the world's fastest 35mm AF SLR, the EOS-1v.

HIGHLY DURABLE, WITH EXCELLENT DUST AND MOISTURE RESISTANCE, THE EOS-1Ds IS BUILT TO TAKE ON THE WORLD'S HARSHEST CONDITIONS.

Lightweight yet durable, with a chassis and external covers made of magnesium alloy, the EOS-1DS is thoroughly sealed and protected from water and dust infiltration. Its rugged design meets professional demands for even the most hostile environments.