

# CANON EOS-5D

## FULL FRAME & 12.8 MEGAPIXELS

John Henshall has been scouring the darkest corners of cyberspace for fact – and fiction – about this new DSLR from Canon which we may – or may not – see in October 2005

**R**umours have been ricocheting around cyberspace for the last few weeks about the impending announcement of a new full-frame DSLR from Canon – the EOS 5D. The word is that it will be announced officially on 22 August and in the shops in October 2005.

A PDF file with specifications in a suspicious mixture of Spanish and English has since been circulating. Two pages of it are reproduced here. It has somewhat low resolution images of the front and back of a camera which definitely is different but certainly has similarities to other Canon models.

Is this the product of someone with Photoshop skills and a sense of mischief but no proper work to do? Or does Canon have a leak? The online discussion forums have been going wild with conjecture and anticipation.

Over the years I have been privy to a wealth of information, shared with me in strict confidence by manufacturers. I could have betrayed these confidences in one huge blow-out article but, of course, it would have had to be my last-ever column. But no secrets have been shared with me by Canon, so I feel free to look at this intriguing 'leak' with interest.

Looking at the 'specification', the pixel count looks good. It's about the same as the Nikon D2x but the big difference is that this is a **full-frame sensor**, which means that your favourite wide-angle lenses will produce wide-angle pictures once again. The only other way to get full-frame from Canon is to fork out close to £6k for a 1DsMkII. If you use Nikon lenses, the only full-frame is a second-hand Kodak DCS Pro/n. Yet Nikon forums are crying out for full frame.

Another fascinating change is the move to a **new 2.5 inch colour LCD**.

you can  
**Canon**  
EOS 5D



The EOS 5D es una nueva categoría de Canon Digital SLR.

La Gama Canon Digital SLR queda:

EOS 1Ds Mark II, EOS 1D Mark II N, **EOS 5D**, EOS 20D, EOS 350D

**Fecha Embargo:** 22 Agosto 2005  
**Comienzo Venta:** Mediados Octubre 2005  
**Usuario Objetivo:** Fotógrafos Profesionales/Semi-Profesionales

### Características Principales:

- Sensor CMOS de fotograma completo, de 12,8 megapíxeles - **NEW!**
- 3 fotogramas por segundo, la velocidad se mantiene hasta un máximo de 60 imágenes grandes JPG
- Autofoco en 9 puntos con modos AF seleccionables - **NEW!**
- Monitor LCD de 2.5" 230.000 píxeles - **NEW!**
- Cuerpo Compacto en aleación de magnesio - **NEW!**
- Procesador DIGIC II
- Parámetros del procesamiento de imagen personalizables mediante los "estilos de imagen" con modo monocromo - **NEW!**
- Grabación simultánea en RAW y JPEG
- Software Digital Photo Professional para el procesamiento de imágenes en bruto (RAW)
- Interfaces USB 2.0 de alta velocidad y salida de video
- Compatible con redes inalámbricas WFT-E1
- Compatible con todos los objetivos Canon EF (excepto los EF-S) y los flashes Speedlites serie EX

Nombre de Producto	Mercury Code	EAN Code	PVP
EOS 5D	0296B004AA	4960999295770	3.459,00 (Cuerpo)

#### Contenido del embalaje:

Cuerpo EOS 5D, Ocular Eb, Cubre Cámara R-F-3, Corre EW-100DGR, Cargador de Batería CB-5L, Cable corriente, Batería BP-511A, Tapa Batería, Cable Video VC-100, Cable Interfaz IFC-400PCU (USB),

Nuevos Accesorios	Mercury Code	EAN Code
BG-E4 Empuñadura	0297B001AA	4960999295923
Pantalla de Enfoque Ee-A	0828B001AA	4960999297361
Pantalla de Enfoque Ee-D	0829B001AA	4960999297378
Pantalla de Enfoque Ee-S	0830B001AA	4980999297385
Controlador Inalambrico LC-5	0295B001AA	4960999290102
Speedlite 430EX	0298B003AA	4960999296586

Well, that's about time. Canon has been lagging way behind Nikon in this respect. The LCD on the 20D is adequate but on the 1DsMkII it is poor. In fact, I would say it's inadequate – see *Chip Shop* April 2005. I have been told that this is the only part of its cameras that Canon does not make. It shows.

The images from the PDF are reproduced at the bottom of this page, along with actual images of the Canon 20D (front and back) and 1DsMkII (front) for comparison.

Note that the back of the '5D' is broadly similar to the 20D except that things have been moved around a little to accommodate the larger LCD screen. The controls seem to indicate that the multi-button addressing of the 1DsMkII is being left behind in favour of the simpler 20D system.

This would be another sensible move – again see my previous comments in *Chip Shop* April 2005.


The front of the '5D' is unlike the 20D. The pentaprism housing is more like the strong rounded housing of the 1DsMkII than the angular 20D. There is no pop-up flash.

Note that the neckstrap lug is not visible on the left in the back shot of the '5D'. This may be because the photo is a fake but it may also be because the images are proof images, which have been roughly cut out. The fact that the PDF is a proof would also explain the low image quality and other incompleteness of the document.

The price in the 'Spanglish' document is 3,459.00. If this is the Euro price then it would translate to about £2,500 plus VAT – half the price of the 1DsMkII and good value.

**One thing is for sure. Time well tell – probably by the time you read this. And a year from now it will all be history.**

you can  
**Canon**  
EOS 5D



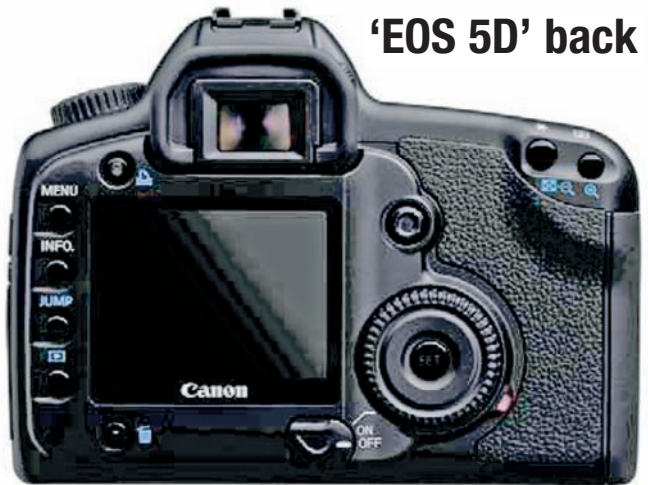
**Especificaciones Técnicas**

<b>IMAGE SENSOR</b>	35.8 x 23.9mm CMOS Type Effective Pixels Total Pixels Aspect Ratio Low-Pass Filter Colour Filter Type	35.8 x 23.9mm CMOS Approx. 12.8M Approx. 13.3M 3:2 Built-in/Off Primary Colour
<b>IMAGE PROCESSOR</b>	Type	DIGIC II
<b>LENS</b>	Type Lens Mount Focal Length	EF (includes EF-S lenses) 1.6x Multiplication with EF lens fitted
<b>FOCUSING</b>	Type AF System/Points AF Working Range AF Modes AF Point Selection Selected AF Point Display	TTL-CT-SR with a CMOS sensor 9-point AF (incl. 8 Invariant Assist AF points) EV -0.5 -18 (at 20°C & ISO 100) One Shot, AI Servo, AI Focus Automatic selection, Manual selection Superimposed in viewfinder and indicated on top LCD panel
<b>EXPOSURE CONTROL</b>	Metering Modes	TTL full aperture metering with 35 zone SPC (1) Evaluative metering (linked to any AF point) (2) Partial metering (3) Spot metering: Center spot metering (approx. 3.3% viewfinder at centre) (4) Center weighted average metering EV 1-20 (at 20°C with 50mm f/1.4 lens ISO 100)
<b>SHUTTER</b>	Type Speed Shutter Release	Electronically controlled focal-plane shutter 30 - 1/8,000 sec (1/3 stop increments), Bulb Soft touch electromagnetic release
<b>WHITE BALANCE</b>	Type Settings	Auto white balance with the imaging sensor Auto, Daylight, Shade, Cloudy, Tungsten, White Fluorescent light, Flash, Custom, Colour Temperature setting, White balance compensation: (1) Blue/Amber +/-9 (2) Magenta/Green +/-9 ND +/-3 stops in full stop increments 3 bracketed images per shutter release Selectable Blue/Amber bias or Magenta/Green bias
<b>COLOUR MATRIX</b>		Two types of colour space, sRGB and Adobe RGB
<b>VIEWFINDER</b>	Viewfinder Coverage (Vertical/Horizontal) Magnification Eyepoint Dioptric Correction Focusing Screen	Pentaprism Approx. 96% 0.71x 30mm -13 to +1 dpt Interchangeable (3 types), Standard Focusing Screen Precision Matte EP-A Quick-return half mirror (Transmission: reflection ratio of 45:55, no mirror cut-off with EF500mm f/1.2 or shorter) AF information (AF points, focus confirmation light, exposure information (shutter speed, aperture value, AE lock, exposure level, partial metering mode, exposure warning), Back Information Blank ready, High-speed sync, FE lock, Flash exposure compensation), white balance correction, maximum burst, CF card information
<b>LCD MONITOR</b>	Monitor Coverage Brightness	2.5" TFT, approx. 230k pixel Approx. 100% for JPEG images Adjustable to one of five levels
<b>FLASH</b>	Modes HotShoe/PC Terminal X-sync Flash Exposure Compensation Flash Exposure Bracketting Flash Exposure Lock Second Curtain Synchronization External Flash	E-TTL II Auto Flash, Invariant Manual YES/YES 1/2000 sec +/-2 EV in 1/3-stop increments with EX series Speedlites YES YES YES E-TTL II with EX series Speedlites, wireless multi-flash support
<b>SHOOTING</b>	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom Menu/Menu (selected from the "Picture Style" menu) with options for Filters and Toning Effects Single/Continuous 3 fps (speed maintained for up to 60 images LJPEG/17 images RAW)*	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom Menu/Menu (selected from the "Picture Style" menu) with options for Filters and Toning Effects Single/Continuous 3 fps (speed maintained for up to 60 images LJPEG/17 images RAW)*
<b>RECORDING PIXELS/COMPRESSION</b>	Image Size Compression	(L) 4368 x 2912, (M) 4368 x 2912, (S) 2496 x 1664, (S+) 2496 x 1664, (RAW) 4368 x 2912 Fine, Normal, RAW (Canon RAW 2nd edition)
<b>FILE FORMAT</b>	Still Image Format RAW+JPEG Simultaneous Recording File Numbering Processing Parameters	JPEG (Exif 2.21 (Exif Print) compliant)/Design rule for Camera File System (D-5), Digital Print Order Format (DPOF) Version 1.1 compliant YES Folder creation & selection is possible (1) Consecutive numbering (2) Auto reset (3) Manual reset 4 Preset Picture Styles* with 3 User defined settings

'EOS 5D' front



'EOS 5D' back



EOS 20D & 1DsMkII



EOS 20D back

