

**Canon**

# REBEL



**EOS**  
**REBEL XSi**



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# EOS Rebel XSi: Infinite Possibilities

## Canon Digital Trinity

The EOS Rebel XSi's CMOS sensor captures images with exceptional clarity and tonal range and offers the most pixels in its class. This APS-C size sensor (22.2 x 14.8mm) is complemented by Canon's DIGIC III Image Processor, which enhances image quality and speeds up all the camera's operations. The sensor and processor work in concert with Canon's superlative EF and EF-S lenses, forming the ultimate Digital Trinity.

## 14-bit Tonal Conversion

The EOS Rebel XSi features 14-bit analog to digital signal conversion, generating data with incredibly smooth tones. With this rich 14-bit gradation the EOS Rebel XSi offers RAW images of the highest quality to complement 8-bit JPEGs.



## Noise Reduction

The EOS Rebel XSi's sensor features narrow-gap microlenses and noise reduction circuits to improve performance at high ISOs, and optimized photo diode configurations for improved performance at all ISOs. You'll notice the results immediately.

## Auto Lighting Optimization

The EOS Rebel XSi's Auto Optimization feature analyzes the photographic scene and compensates automatically, brightening dark faces, boosting contrast and brightening highlights in flat light, and adjusting exposure when flash output is insufficient.



## 3.5 fps Continuous Shooting

The EOS Rebel XSi operates with such effortless speed that operation is nothing short of intuitive. With instant startup times, speedy AF and imperceptible shutter lag, the EOS Rebel XSi is one of the fastest cameras available today, shooting up to 3.5 frames per second, in bursts of 45 JPEGs or 6 RAW files.

## Spot Metering

The EOS Rebel XSi features a spot meter, which analyzes 4% of the composition, plus Center-weighted average metering and partial metering for accurate exposure no matter the situation.

## Huge 3.0" LCD Monitor

The EOS Rebel XSi has a giant, bright 3.0-inch TFT LCD monitor with 230,000 pixels and a viewing angle of 170°. It's perfect for Live View Function composition or viewing camera settings like AF, ISO, Metering, AF Point selection and flash options.

## Live View Function

The EOS Rebel XSi is the first EOS Rebel series to feature Canon's Live View Function technology. With Live View Function, you never have to bring the camera to your eye: it's easy to compose and shoot images right on the 3.0-inch LCD monitor.

## Higher Magnification Viewfinder

The EOS Rebel XSi also has an improved, high magnification viewfinder with a sensor to disable the LCD monitor when the camera is brought to the eye. All relevant shooting information, including ISO, are displayed right in the viewfinder.

## SD & SDHC Memory Cards

The EOS Rebel XSi uses popular SD and SDHC memory cards. Tiny, inexpensive and available in increasingly large capacities, these cards are a perfect complement to the EOS Rebel XSi's compact design.



## Optical Image Stabilizer Lenses

Canon's Optical Image Stabilizer technology makes handheld photography possible in more low-light situations by counteracting camera shake for crisp, clear images. With Optical Image Stabilizer in the lens, Canon can equip each lens with the stabilizer it needs for effective shake correction. Other systems are limited by how far they can move an image sensor, and as a result their stabilization is less effective as telephoto lengths get longer. Also, stabilized images can be seen right in the viewfinder—impossible with some other stabilizer systems.

# Inspired. By Canon.

Canon is thrilled to introduce the new EOS Rebel XSi, a Digital SLR that brings a new level of performance and technology to all photographers. With the EOS Rebel XSi, every aspect of the photographic experience is enhanced. Its new 12.2-megapixel CMOS sensor, 3.0-inch LCD with Live View Function and an Image Stabilized lens work together to create stunning images, easily. With unprecedented sophistication and supreme usability, the EOS Rebel XSi inspires you and promises go-anywhere, shoot anything photography for everyone.



<b>12.2</b> MEGA PIXELS CMOS	<b>DIGIC III</b>	<b>3.5</b> Frames Per Sec	<b>9</b> point AF	<b>EOS</b> Integrated Cleaning System
<b>LiveView</b> MODE	<b>3.0"</b> LCD	<b>Picture Style</b>	<b>Print/Share</b> BUTTON	<b>OPTICAL IMAGE STABILIZER</b> <small>*Optical Image Stabilizer refers to lens function only.</small>



## EF/EF-S Lenses

Like other EOS Digital SLR cameras, the EOS Rebel XSi is compatible with over 50 Canon lenses in the EF lineup, ranging from ultra-wide angle to super telephoto lenses, including Canon's EF-S series lenses that are manufactured specifically for APS-C sized digital sensors such as the one in the EOS Rebel XSi.



EF-S 18-55mm  
f/3.5-5.6 IS



EF-S 55-250mm  
f/4.5-5.6 IS

## Speedlite / Accessories



Speedlite  
430EX



Battery Grip  
BG-E5



Battery Pack  
LP-E5



Battery Charger  
LC-E5



Semi-Hard Case  
EH19-L

## SPECIFICATIONS

### TYPE

**Type:** Digital AF/AE SLR with built-in flash  
**Recording Media:** SD/SDHC memory card  
**Image Sensor Size:** 0.87 x 0.58 in./22.2 x 14.8mm (APS-C size sensor)  
**Compatible Lenses:** Canon EF and EF-S lenses  
**Lens Mount:** Canon EF mount  
**Lens Focal Length Conversion Factor:** 1.6x

### IMAGE SENSOR

**Type:** High-sensitivity, high-resolution, single-plate, CMOS sensor  
**Effective Pixels:** Approx. 12.20 megapixels  
**Total Pixels:** Approx. 12.40 megapixels  
**Aspect Ratio:** 3:2 (Horizontal : Vertical)  
**Color Filter System:** RGB primary color filters  
**Low-pass Filter:** Fixed position in front of the CMOS sensor  
**Dust Delete Feature:** (1) Auto Sensor Cleaning, (2) Dust Delete Data, (3) Manual Sensor Cleaning

### RECORDING SYSTEM

**File Format:** Design rule for Camera File System 2.0 and Exif 2.21  
**Recording Format:** JPEG, RAW, and RAW+JPEG simultaneous recording provided. The RAW and JPEG images are saved as separate files in the SD/SDHC memory card.  
**Image Compression:** JPEG, RAW (Canon .CR2)  
**File Size:** JPEG/Large (4272 x 2848): approx. 4.3MB (Fine), approx. 2.2MB (Normal); JPEG/Medium (3088 x 2056): approx. 2.5MB (Fine), approx. 1.3MB (Normal); JPEG/Small (2256 x 1504): approx. 1.6MB (Fine), 0.8MB (Normal); RAW (4272 x 2848): approx. 15.3MB Exact file sizes depend on the subject, ISO speed, Picture Style, etc.  
**File Numbering:** (1) Continuous numbering (2) Auto reset (3) Manual reset (the image numbering is reset to 0001, a new folder is created automatically)  
**Color Space:** Selectable between sRGB and Adobe RGB  
**Picture Style:** Six preset Picture Style settings plus three user-defined custom Picture Style settings with individual adjustments for Sharpness, Contrast, Color saturation, Color tone, Filter effect, Toning effect for black & white images  
**Automatic Image Brightness Correction:** Set by default in Basic Zone modes. In Creative Zone modes, settable with C.Fn-06 (Auto Lighting Optimizer)  
**Highlight Tone Priority:** Enabled (C. Fn-05)  
**Interface:** USB 2.0 Hi-Speed, mini-B port. NTSC/PAL for video output

### WHITE BALANCE

**Settings:** Auto, Daylight, Shade, Cloudy, Tungsten Light, White Fluorescent Light, Flash, Manual (Custom white balance of white or neutral gray object)  
**Auto White Balance:** Auto white balance, taken from the image sensor  
**Color Temperature Compensation:** White balance bracketing: up to +/- 3 levels in 1-step increments;  
**White balance correction:** blue/amber bias +/- 9 levels, magenta/green bias +/- 9 levels

### AUTOFOCUS

**Type:** TTL-CT-SiR AF-dedicated CMOS sensor  
**AF points:** 9 AF points: Center AF point is cross type with high-precision horizontal line sensor  
**AF Working Range:** EV -0.5 -18 (ISO 100 at 73°F/23°C)  
**Focusing Modes:** Autofocus: One-Shot AF, Predictive AI Servo AF, AI Focus AF (automatic switching between One-Shot/Predictive AI Servo AF); Manual Focus (MF)  
**AF Point Selection:** Automatic selection, Manual AF point selection  
**Selected AF Point Display:** Superimposed display in viewfinder, also visible on LCD monitor  
**AF-assist Beam:** Intermittent firing of built-in flash; Effective range: approx. 13.1 ft./4.0m at center, approx. 11.5 ft./3.5m at periphery

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### EXPOSURE CONTROL

**Metering Modes:** Max. aperture TTL metering with 35-zone SPC, (1) Evaluative metering (linked to all AF points), (2) Partial metering (approx. 9% at center of viewfinder), (3) Spot metering (approx. 4% of viewfinder), (4) Center-weighted average metering  
**Metering Range:** EV 1-20 (ISO 100 at 73°F/23°C with EF 50mm f/1.4 USM lens)  
**Exposure Control Systems:** Program AE (shiftable), Shutter-priority AE, Aperture-priority AE, Depth-of-field AE (non-shiftable), Full auto (Program AE, non-shiftable), Programmed image control modes (Portrait, Landscape, Close-up, Sports, Night Portrait, Flash OFF), Manual exposure (including bulb), E-TTL II autoflash program AE  
**ISO Speed Range:** Basic Zone: equivalent to ISO 100-800\* set automatically; Creative Zone: equivalent to ISO 100-1600\* (in 1/3-stop or whole stop increments), Auto \* Standard output sensitivity. Recommended exposure index.  
**Exposure Compensation:** (1) User-set with multi-controller (2) AEB (Auto Exposure Bracketing); Bracketing range: +/- 2 stops in 1/3- or 1/2-stop increments  
**AE Lock:** Auto: Applied in One-Shot AF mode with evaluative metering when focus is achieved  
**User-set:** Applied with AE lock button

### VIEWFINDER

**Type:** Eye-level SLR pentamirror  
**Coverage:** Approx. 95% horizontally and vertically  
**Magnification:** 0.87x (-1 dpt with 50mm lens at infinity)  
**Eye-point:** Approx. 19mm  
**Dioptric Adjustment Correction:** -3.0 to +1.0 diopter  
**Mirror:** Quick-return half mirror (Transmission: reflection ratio of 40:60, no mirror cut-off with EF 600mm f/4L IS USM or shorter lenses)  
**Viewfinder Information:** AF (AF points, focus confirmation light), Exposure (shutter speed, aperture, AE lock, exposure level, ISO speed, spot metering circle, exposure warning) Flash (flash ready, high-speed sync, FE lock, flash exposure compensation, Red-eye correction light), Image (monochrome shooting, white balance correction, maximum burst, SD memory card information)  
**Depth-of-field Preview:** Enabled with depth-of-field preview button; possible in Live View Function

### SHUTTER

**Type:** Focal-plane shutter with all speeds electronically controlled  
**Shutter Speeds:** 1/4000 to 60 sec. (1/3-stop increments), X-sync at 1/200 sec.  
**Shutter Release:** Soft-touch electromagnetic release; shutter lag-time approx. 0.1 sec.  
**Self-Timer:** 10 sec. delay, 2 sec. delay, continuous shooting  
**Remote Control:** Remote Switch RS-60E3

### BUILT-IN FLASH

**Type:** Auto pop-up, retractable, built-in flash in the pentamirror  
**Guide Number:** 43 ft./13m (ISO 100)  
**Recycling Time:** Approx. 3 sec.  
**Flash-ready Indicator:** Flash-ready indicator lights in viewfinder  
**Flash Coverage:** 17mm lens focal length (equivalent to 27mm in 35mm format)  
**Flash Metering System:** E-TTL II autoflash  
**Flash Exposure Compensation:** +/- 2 stops in 1/3- and 1/2-stop increments  
**EOS External Flash or Dedicated Speedlite:** E-TTL II autoflash with EX Series Speedlites

### LCD MONITOR

**Type:** TFT color, liquid-crystal monitor  
**Monitor Size:** 3.0 in. diagonal with a viewing angle of approx. 170° vertically and horizontally  
**Pixels:** Approx. 230,000 pixels  
**Coverage:** Approx. 100%  
**Brightness Control:** 7 levels provided

### DRIVE SYSTEM

**Drive Modes:** Single, Continuous, Self-timer/Remote control  
**Continuous Shooting Speed:** Approx. 3.5 fps  
**Max. Burst During Continuous Shooting:** JPEG: approx. 53 frames (Large/Fine); RAW: approx. 6 frames; RAW+JPEG: approx. 4 frames (Large/Fine)

### LIVE VIEW FUNCTION

**Shooting Modes:** (1) Live View shooting, (2) Remote Live View shooting (with a computer installed EOS Utility)  
**Focusing:** (1) Manual focus; (2) Autofocus: Quick mode: AF using AF sensor, Live View momentarily cancelled; Live mode: AF directly from CMOS sensor  
**Metering Modes:** Evaluative metering with the image sensor  
**Grid Display:** Provided  
**Exposure Display:** Simulated exposure displayed in real-time  
**Frame Rate:** 30 fps (22 fps in magnified mode)

### PLAYBACK

**Image Display Format:** Single image, 9-image Index, Jump (1/10/100 images or shooting date), Magnified zoom (approx. 1.5x to 10x enabled in 15 steps), Histogram, Auto rotate, Rotate  
**Highlight Alert:** Provided (overexposed highlight areas blink)

### IMAGE PROTECTION AND ERASE

**Protection:** Single image or all images in the memory card can be protected or cancel the image protection  
**Erase:** Single image, select images, all images in a SD/SDHC card or unprotected images  
**Direct Printing from the Camera:** Enabled with the Print/Share button  
**Compatible Printers:** CP and SELPHY Compact Photo Printers, PIXMA Photo Printers and PictBridge compatible printers (via USB Interface Cable IFC-200PCU)

### MENUS

**Menu Categories:** (1) Shooting (2) Playback (3) Setup (4) Custom function/My Menu  
**LCD Monitor Languages:** 20 languages provided (English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Hungarian, Czech, Simplified/Traditional Chinese, Korean, Japanese)

### POWER SOURCE

**Battery:** One dedicated Battery Pack LP-E5

#### Number of Shots:

Configuration	No Flash Used	50% with Flash
LP-E5	Normal Temperature (73°F/23°C) Approx. 600	Approx. 500
	Low Temperature (32°F/0°C) Approx. 500	Approx. 400

The above figures comply with CIPA testing standards and apply when a fully-charged Battery Pack LP-E5 is used.

### DIMENSIONS AND WEIGHT (Body Only)

**Dimensions (W x H x D):** 5.1 x 3.8 x 2.4 in./128.8 x 97.5 x 61.9mm  
**Weight:** 16.8 oz./475g

### OPERATING ENVIRONMENT

**Operating Temperature Range:** 32-104°F/0-40°C  
**Operating Humidity Range:** 85% or less

- All the specifications above are based on Canon's Standard Test Method.
- The camera's specifications and physical appearance are subject to change without notice.

All images simulated.  
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