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EOS

Canon



Canon's EOS Digital Rebel XTi is a thrilling new digital SLR that offers an unheard of combination of performance, easy operation and affordability. It features Canon's Digital Trinity: a newly designed 10.1 megapixel CMOS sensor, a second generation DIGIC II Image Processor and compatibility with the EOS System, including more than 50 EF and EF-S lenses. It has a host of new features including a 2.5-inch LCD monitor, EOS Integrated Cleaning System with a Self-Cleaning Sensor, speedy operation and Canon's Picture Style technology, all in a lightweight, ergonomic body.



Ever since Canon introduced the first EOS Rebel, it has always been a class leader, making advanced technology simple for everyone to use. The Digital Rebel XTi is no exception. It offers compatibility with an entire line of Canon photography tools including flashes, printers and much more. Power, resolution and simplicity ensure that the Rebel XTi is simply superior.



Incredibly Advanced. Remarkably Simple.

# More Pixels, More Performance



## **Dust Reduction**

To combat against stray dust that enters the camera and adheres to the image sensor during a lens change, the Digital Rebel XTi features an all-new, Canon-designed **Self Cleaning Sensor Unit**. The low pass filter and the sensor clean itself automatically with ultrasonic vibrations. Dust that has been missed by the Integrated Self-Cleaning Sensor System can also be erased with software included in **Digital Photo Professional (DPP) Version 2.2**.

without dust reduction



SelfCleaning SensorUr

## 10.1 Megapixel CMOS Sensor

The EOS Digital Rebel XTi has a largearea **10.1-megapixel CMOS sensor**. This superlative sensor renders image files suitable for anything from a snapshot photo all the way to a poster-sized print, all with stunning detail. This APS-C size sensor (22.2 x



10.1-megapixel CMOS sensor

14.8mm) has the same **3:2 ratio** as film cameras, enabling an effective angle of view that is 1.6x the normal EF Lens focal length and works perfectly with Canon's EF-S lenses.

## **DIGIC II Image Processor**

Shot information is analyzed and saved with Canon's amazing **DIGIC II Image Processor**. The DIGIC II Image Processor ensures accurate color, minimizes digital "noise," ensures that each recorded pixel is detailed and that each image has exceptional clarity and tonal range.



DIGIC II Processor



Shutter Speed: 1/000 sec. Aperture Value: f/00 ISO Speed: 1600

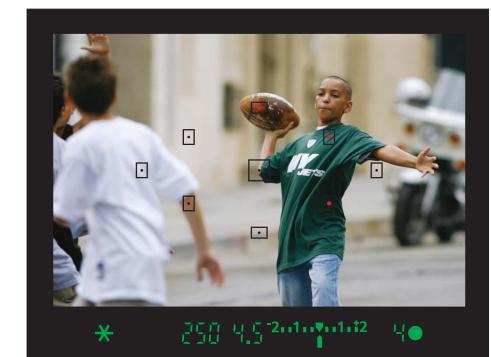
## High ISO Speed

With ISO sensitivity ratings from **100–1600**, the Digital Rebel XTi's sensor will work well in most any shooting situation, from bright sunlight, to interiors without flash.

# Sharp, Fast and Simple



NE-SHOT AF



## Viewfinder

The EOS Digital Rebel XTi's bright viewfinder is designed to make image composition simple and easy. It displays the selected AF point, plus shooting information and has an adjustable diopter to compensate for glasses or different eyesight.



## 9-point Autofocus

The EOS Digital Rebel XTi has a high-precision **9-point AF system** for speedy and accurate focusing in any situation. Canon's cross key buttons are conveniently located on the back of the camera for thumb-controlled action, so you can choose



Servo AF

the 9 focus points instantly or direct the camera to choose them automatically.

You can use **One-Shot** which is perfect for still photography, **Al Servo** which tracks moving subjects, ensuring accurate focus instantly, or **Al Focus**, which switches between One-Shot and Al Servo for when subjects are starting and stopping. The Digital Rebel XTi's focusing system meters ranges of EV-0.5 to 18, and displays information on the large, newly developed camera setting display on the back of the camera.

## **Speedy operation**

With a startup time of **0.2 seconds**, the EOS Digital Rebel XTi is ready to go the instant it's brought to the eye. And the Digital Rebel XTi's shutter can record images as fast as **1/4000 sec** and as long as 30 seconds, plus bulb at up to **3 fps** for **27 consecutive shots**. It

plus bulb at up to **3 fps** for **27 consecutive shots**. It synchronizes with Canon

Speedlites at 1/200 seconds.







eeze fast action for high-impact images.



Landscape Scenery comes alive with sweeping depth of field and backgrounds in sharp focus.



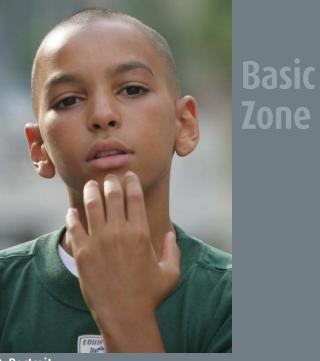
Night Portrait



Close-Up Capture every dazzling detail with incredible definition.



Flash Off



Portrait

Your subject is sharply focused and the background beautifully

## Creative Zone



M Manual Lets you take complete control of every system whenever you want.



A-DEP Automatic Depth of Field AE



era will choose an appropriate aperture.



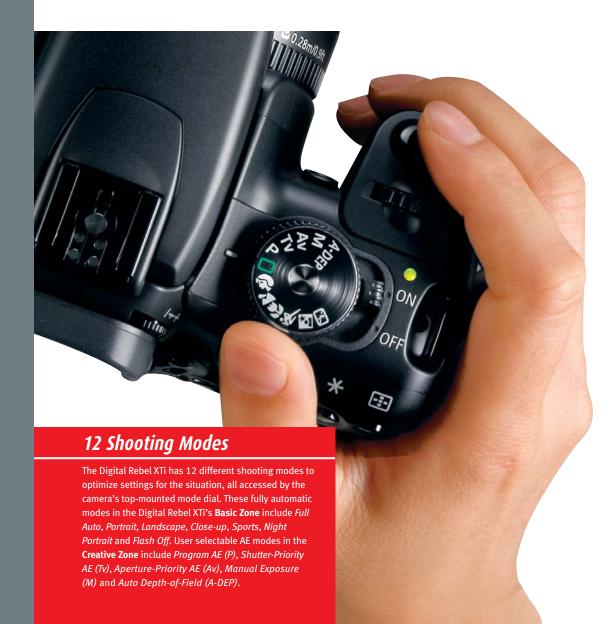
Zone

Av Aperture Priority AE



maintaining a constant exposure value.

# Perfect Light Control, Wherever, Whenever



## **35-Zone Evaluative Metering**

The Digital Rebel XTi's **35-zone Evaluative Metering system** analyzes light, based on an emphasis of the AF point in use, metering off the subject, wherever it might be in the composition. 

Center-Weighted Average Metering calculates



Metering, 9% of the image is metered. These three different metering modes optimize the metering control for beginners, yet advanced enough for seasoned photographers.

the entire composition, yet places emphasis on the center of the image. With Partial

■ 35-zone Evaluative Metering



Center Weighted Average Metering



## **E-TTL II Flash Metering**

Canon's E-TTL II Flash metering provides optimal flash exposure that will ensure you get just the right amount of light for your shot, whether using the Digital Rebel XTi's built-in flash, or an EX Series Speedlite. E-TTL weights and averages the flash metering, capturing the subject as an area, not as a spot. As a result, the Digital Rebel XTi can obtain consistent flash exposures even if the subject contains radical changes in color reflectivity.

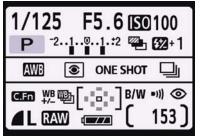


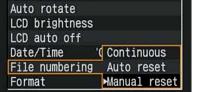
# Easy to See, Easy to Use Easy to See, Easy to Use



## 2.5-inch LCD Monitor

The EOS Digital Rebel XTi has a brilliant **2.5-inch LCD monitor** with approximately 230,000 pixels. This huge new screen not only displays more information, but unlike the EOS Rebel XT, shooting information and playback both are displayed on





Shooting Information

Aonu

the same screen so that you need only glance at the same screen, whether setting up or reviewing a picture, to get all pertinent information in one place. Not only you can see images larger than on the Digital Rebel XT, but also you can see images at a greater angle (160°), brighter, with bigger text and in finer detail than on many other conventional LCD monitors.

## **Enhanced Operability**

The Digital Rebel XTi features a newly-designed ergonomic grip, a new non-slip rubber thumb rest to hold easily for the right hand. And it offers more operational custom functions than any other camera in its class. Custom Functions let the photographer think about the settings before they shoot, enabling quicker operation, so they can concentrate on the composition without having to make changes while taking pictures.



When composing images, the Digital Rebel XTi's external display turns off automatically thanks to Canon's new Display Off Sensor. This sensor detects your face and darkens the back panel, preventing the LCD from disturbing your eye while looking through the viewfinder.









# Your Expression, Your Picture Style



[ Landscape ] Sharp expression with vivid results for blue skies and green hues



Standard



## Direct Access to Picture Style

The EOS Digital Rebel XTi's set button, located on the back of the camera between the cross keys, brings you directly to the Picture Style's menu. By enabling direct access to Picture Style, advanced settings are made simple and thus an integral part of the Digital Rebel XTi experience.



halide film in black and white: for color filter work



Standard

[Standard] Vivid, sharp expression: usable in a wide variety of conditions; optimal for direct printing without post-processing

[ Neutral ] Low saturation and contrast for easy adjusting during post-processing

[ Faithful ] Accurate reproduction of the subject's colors based on colorimetric data

## **Picture Style**

With Picture Style technology and the EOS Digital Rebel XTi, you can recreate characteristics that replicate your favorite photographic film. Color, saturation,

sharpness and contrast settings create noticeable variation in the saved image. In addition to six Picture Style settings (Standard, Portrait, Landscape, Neutral, Faithful and Monochrome), you can create three additional setting combinations for your particular photographic style.

Portrait	2.	0.	0.	0
Landscape	4.	0,	0,	0
Neutral	0.	0,	0,	0
Faithful	0.	0.	0.	0
Monochrome	3,	0,	N,	N

## **Accurate Color through Perfect White Balance**

The EOS Digital Rebel XTi has a white balance adjustment to ensure that colors will be spot-on. It features eight different white balance modes for specific lighting conditions. Where you used to have to change films or attach expensive filters to the lenses to compensate for light temperature, the Digital Rebel XTi does it all automatically. Presets for daylight, shade, overcast situations, indoor tungsten and **fluorescent light**, plus **flash**, custom and white balance bracketing ensure accurate whites and colors anytime.













Overcast Situations

# From Vision to Print

## [ Face Brightener ] Within the Digital Rebel XTi's available Print Effects\* modes, you can fix dark, backlit subjects by using



## **Advanced Camera Direct Capabilities**

capabilities and is designed to work allowing for direct printing solutions



with or without a computer. You can set paper size, paper type, face brightening, trimming and layout easily and directly from the camera. Contact sheets and prints with shot information are a button-press away.

## **Canon Printers**

Canon's **SELPHY** and **PIXMA** series of printers offer unlimited printing options for EOS Digital Rebel XTi owners. Whether printing large photographs on fine-art paper or making quick prints out of a backpack, each printer ensures top quality printing and seamless integration with the Digital Rebel XTi.



## **Digital Photo Professional** (Version 2.2)

The EOS Digital Rebel XTi includes numerous software programs for seamless integration with your computer. Digital Photo Professional Version 2.2 is an image processing program that enables high-speed RAW image processing, high-speed previewing for real-time image



adjustment and support for sRGB, Adobe RGB and Wide Gamut RGB color spaces. It also features the Digital Rebel XTi's Dust Delete Data tool for cleaner images.

the Face Brightener. The EOS Digital Rebel XTi features Canon's advanced camera direct in concert with Canon printers,

## Print/Share Button

Printing and uploading to a computer is incredibly simple with the Digital Rebel XTi's Print/Share button. Simply connect the Digital Rebel XTi to any PictBridge compatible printer via the USB 2.0 cable and print images directly. And by connecting the Digital Rebel XTi to a computer via the USB 2.0 cable, it's easy to transfer some or all of the photographs in the camera's memory card to folders on the computer.

## Various Print Customizations\*

[Cropping] Whether cropping to change a vertical image to a horizontal image (or vice versa), seemingly endless

[ Contact Sheet ] It's easy e printed directly from

[ Paper Size setting ] The Digital Rebel XTi is compatible with letter- and computer.

\* Only on select PIXMA printers.

# EOS: More Options for Better Photography







EF-S 17-85mm f/4-5.6 IS USM

The EOS Digital Rebel XTi is compatible with the entire EOS System of lenses and accessories. Canon's **EF and EF-S lenses** are designed by Canon specifically for the EOS line, and offer unmatched performance. With **over 50 lenses** available, Canon continues to innovate, introducing new lenses with specialized elements, coatings and built-in, optimized Image Stabilizer technology that raise performance standards across the board.

### Image Stabilizer

Canon **Image Stabilizer (IS) technology** makes handheld photography more practical at slow shutter speeds, accommodating more low-light shooting situations than ever before. Canon Image Stabilizer uses miniature sensors and a microcomputer built into the lens. The sensors analyze vibrations and cancel motion blur, resulting in a sharper image. Canon Image Stabilizer is built into many EF lenses and outperforms in-camera stabilization technologies by allowing for more movement of the stabilizing lens group. The Image Stabilizer assembly is configured to the performance characteristics of the lens, providing a level of performance that other anti-shake systems cannot match.



EF-S 10-22m



## **Speedlite**

Canon's superlative **Speedlite series** of flashes are suitable for most any application, taking advantage of E-TTL II metering for varied applications such as close-up work, wireless slave, and much more.



Speedlite 430EX

## **EOS System Accessories**



Battery Grip





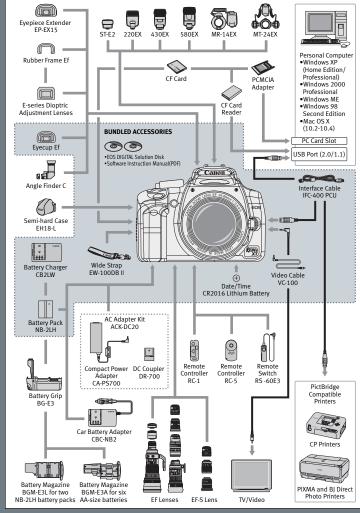






Semi-Hard Case EH18-L

#### SYSTEM CHART



#### KIT CONTENTS



- "The lens is not included if camera is purchased with the body only (not shown above). EF-S lenses are only compatible with Digital Rebel XTI, Digital Rebel XT, Digital Rebel, and EOS 20D cameras and cannot be used on other EOS SLR cameras.
- A. EOS Digital Rebel XTi Body B. Battery pack NB-2LH C. Battery Charger CB-2LW D. USB Interface Cable IFC-400PCU
- E. Video Cable VC-100
  F. EOS Digital Solution Disk
  G. Software Instruction
- H. Wide Strap EW-100DBII
- I. Eyecup Ef (not shown)

#### EF LENS CHART

Canon EF Lenses		Focus Drive	Angle of View (Diagonal)	Groups/ Elements	Minimum Aperture	Closest Focusing Distance		Filter Size	Lens Hood	Length		Weight	
			(Diagonat)	Liements	(f)	(ft.)	(m)	(mm)		(in.)	(mm)	(oz.)	(g)
Ultra-Wide	EF-S 10-22mm f/3.5-4.5 USM	Ultrasonic	107°30'-63°30'	10/13	22	0.8	0.24	77	EW-83E	3-1/2	89.8	13.6	385
Zoom	EF 16-35mm f/2.8L USM	Ultrasonic	68°9'-39°41'	10/14	22	0.9	0.28	77	EW-83E	4-1/8	103	1.3 lbs.	600
	EF 17-40mm f/4L USM	Ultrasonic	65°54'-36°13'	9/12	22	0.92	0.28	77	EW-83E	3-3/4	96.8	1.1 lbs.	475
	EF 20-35mm f/3.5-4.5 USM	Ultrasonic	59°13'-39°41'	11/12	22-27	1.1	0.34	77	EW-83II	2-3/4	68.9	11.9	340
Standard	EF-S 17-55mm f/2.8 IS USM	Ultrasonic	78°30'-27°50'	12/19	22	1.5	0.35	77	EW-83J	4-2/5	110.6	22.8	645
Zoom	EF-S 17-85mm f/4-5.6 IS USM	Ultrasonic	78°30'-18°25'	12/17	22	1.1	0.35	67	EW-73B	3-5/8	92.0	1.1 lbs.	475
	EF-S 18-55mm f/3.5-5.6 USM	Ultrasonic MM	74°20'-27°50' 74°20'-27°50'	9/11 9/11	22-38 22-38	0.92	0.28	58 58	EW-60C EW-60C	2-5/8 2-5/8	66.2	6.7	190 190
	EF-S 18-55mm f/3.5-5.6 EF 24-70mm f/2.8L USM	Ultrasonic	52°55'-21°25'	13/16	22-38	1.25	0.28	77	EW-60C EW-83F	4-7/8	123.5	2.1 lbs.	950
	EF 24-85mm f/3.5-4.5 USM	Ultrasonic	52°55'-17°57'	12/15	22-32	1.6	0.56	67	EW-73II	2-3/4	69.5	13.4	380
	EF 24–105mm f/4L IS USM	Ultrasonic	52°55'—14°40'	13/18	22-27	1.5	0.45	77	EW-83H	3-5/16	83.5	1.5 lbs.	670
	EF 28–90mm f/4–5.6 III	MM	47°15'-17°	8/10	22-32	1.3	0.43	58	EW-60C	2-13/16	71.0	6.7	190
	EF 28–90mm f/4–5.6 II USM	Ultrasonic	47°15'-17°	8/10	22-32	1.3	0.38	58	EW-60C	2-13/16	71.0	6.7	190
	EF 28–105mm f/3.5–4.5 II USM	Ultrasonic	47°15'-14°40'	12/15	22-27	1.6	0.5	58	EW-63II	3	75.0	13.1	375
	EF 28–105mm f/4–5.6 USM	Ultrasonic	47°15'-14°40'	9/10	22-32	1.57	0.48	58	EW-63B	2-11/16	68.0	7.4	210
	EF 28–135mm f/3.5–5.6 IS USM	Ultrasonic	47°15'-11°20'	12/16	22-36	1.64	0.5	72	EW-78BII	3-13/16	96.8	1.2 lbs.	540
	EF 28–200mm f/3.5–5.6 USM	Ultrasonic	47°15'-7°34'	12/16	22-36	1.5	0.45	72	EW-78D	3-1/2	89.6	1.1 lbs.	500
	EF 35-80mm f/4-5.6 III	MM	39°41'-18°54'	8/8	22-32	1.3	0.4	52	EW-5411	2-1/2	63.5	6.2	175
Talanda et e	EF 28-300mm f/3.5-5.6L IS USM	Ultrasonic	47°15'-5°24'	16/22	38	2.3	0.7	77	EW-83G	7-1/4	184.0	3.7 lbs.	1,67
Telephoto	EF 55–200mm f/4.5–5.6 II USM	Ultrasonic	27°5'-7°34'	13/13	22-29	3.9	1.2	52	ET-54	3-13/16	97.3	10.9	310
Zoom	EF 70–200mm f/2.8L IS USM	Ultrasonic	21°15'-7°34'	18/-23	32	4.6	1.4	77	ET-86	7-13/16	197.0	3.2 lbs.	1,47
	EF 70–200mm f/2.8L USM	Ultrasonic	21°15'-7°34'	15/18	32	4.9	1.5	77	ET-83II	7-5/8	193.6	2.9 lbs.	1,31
	EF 70–200mm f/4L IS USM	Ultrasonic	21°15'-7°34'	15/20	32	3.9	1.2	67	ET-74	6-7/8	172.0	26.8	760
	EF 70-200mm f/4L USM	Ultrasonic	21°15'-7°34'	13/16	32	3.9	1.2	67	ET-74	6-7/8	172.0	1.6 lbs.	705
	EF 70-300mm f/4.5-5.6 DO IS USM	Ultrasonic	21°15'-5°24'	12/18	32-38	4.6	1.4	58	ET-65B	3-7/8	99.0	1.6 lbs.	720
	EF 70-300mm f/4-5.6 IS USM	Ultrasonic	21°15'-5°24'	10/15	32-45	4.9	1.5	58	ET-65B	3	76.5	1.4 lbs.	630
	EF 75-300mm f/4-5.6 III USM	Ultrasonic	20°17'-5°24'	9/13	32-45	4.9	1.5	58	ET-60	4-13/16	122.0	1.1 lbs.	480
	EF 75-300mm f/4-5.6 III	MM	20°17'-5°24'	9/13	32-45	4.9	1.5	58	ET-60	4-13/16	122.0	1.1 lbs.	480
	EF 100-300mm f/4.5-5.6 USM	Ultrasonic	15°7'-5°24'	10/13	32-38	4.9	1.5	58	ET-65III	4-3/4	121.5	1.2 lbs.	540
	EF 100-400mm f/4.5-5.6L IS USM	Ultrasonic	15°7'-3°53'	14/17	32-38	5.9	1.8	77	ET-83C	7-7/16	189.0	3.0 lbs.	1,36
Wide-Angle	EF 14mm f/2.8L USM	Ultrasonic	71°49'	10/14	22	0.8	0.25	Gelatin	Built-in	3-1/2	89.0	1.2 lbs.	560
mide /mgte	EF 15mm f/2.8 Fisheye	AFD	113°24'	7/8	22	0.7	0.2	Gelatin	Built-in	2-7/16	62.2	11.6	330
	EF 20mm f/2.8 USM	Ultrasonic	59°13'	9/11	22	0.8	0.25	72	EW-75II	2-13/16	70.6	14.3	405
	EF 24mm f/1.4L USM	Ultrasonic	52°55'	9/11	22	0.82	0.25	77	EW-83DII	3	77.4	1.2 lbs.	550
	EF 24mm f/2.8	AFD	52°55'	10/10	22	0.8	0.25	58	EW-60II	1-7/8	48.5	9.5	270
	EF 28mm f/1.8 USM	Ultrasonic	47°15'	9/10	22	0.8	0.25	58	EW-63II	2-3/16	55.6	10.9	310
	EF 28mm f/2.8	AFD	47°15'	5/5	22	1.0	0.3	52	EW-65II	1-11/16	42.5	6.5	185
	EF 35mm f/1.4L USM	Ultrasonic	39°41'	9/11	22	0.98	0.3	72	EW-78C	3-2/5	86.0	1.3 lbs.	580
	EF 35mm f/2	AFD	39°41' 28°59'	5/7	22 16	0.8	0.25	52	EW-65II ES-78	1-11/16	42.5	7.4 19.2	210
Standard &	EF 50mm f/1.2L USM EF 50mm f/1.4 USM	Ultrasonic Ultrasonic	28°59'	6/8 6/7	22	1.5	0.45	72 58	ES-78 ES-71II	2.58	65.5 50.5	10.2	545 290
Medium	EF 50mm f/1.8 II	MM	28°59'	5/6	22	1.5	0.45	52	ES-62a#	1-5/8	41.0	4.6	130
Telephoto	EF 85mm f/1.2L II USM	Ultrasonic	17°57'	7/8	16	3.2	0.95	72	ES-79 II	3-5/16	84.0	2.3 lbs.	1,02
	EF 85mm f/1.8 USM	Ultrasonic	17°57'	7/9	22	2.8	0.85	58	ET-65III	2-13/16	71.5	15.0	425
	EF 100mm f/2 USM	Ultrasonic	15°7'	6/8	22	3.0	0.83	58	ET-65III	2-7/8	73.5	1.0 lbs.	460
	EF 135mm f/2L USM	Ultrasonic	11°20'	8/10	32	3.0	0.9	72	ET-78II	4-7/16	112.0	1.6 lbs.	750
Telephoto	EF 135mm f/2.8 w/ Softfocus	AFD	11°20'	6/7	32	4.3	1.3	52	ET-65III	3-7/8	98.4	13.8	390
	EF 200mm f/2.8L II USM	Ultrasonic	7°34'	7/9	32	4.9	1.5	72	ET-83BII	5-3/8	136.2	1.6 lbs.	765
	EF 300mm f/2.8L IS USM	Ultrasonic	5°24'	13/17	32	8.2	2.5	52 DI	ET-120	9-7/8	252.0	5.6 lbs.	2,55
	EF 300mm f/4L IS USM	Ultrasonic	5°24'	11/15	32	4.9	1.5	77	Built-in	8-11/16	221.0	2.6 lbs.	1,19
Super	EF 400mm f/2.8L IS USM	Ultrasonic	3°53'	13/17	32	9.8	3.0	52 DI	ET-155	13-11/16	349.0	11.7 lbs.	5,30
Telephoto	EF 400mm f/4 DO IS USM	Ultrasonic	3°53'	13/17	32	11.48	3.5	52 DI	ET-120	9-7/16	232.7	4.3 lbs.	1,94
retephoto	EF 400mm f/5.6L USM	Ultrasonic	3°53'	6/7	32	11.5	3.5	77	Built-in	10-1/16	256.5	2.8 lbs.	1,25
	EF 500mm f/4L IS USM	Ultrasonic	3°9'	13/17	32	14.8	4.5	52 DI	ET-138	15-3/16	387.0	8.5 lbs.	3,87
	EF 600mm f/4L IS USM	Ultrasonic	2°37'	13/17	32	18.0	5.5	52 DI	ET-160	18	456.0	11.8 lbs.	5,36
Macro	EF 50mm f/2.5 Compact Macro	AFD	28°59'	8/9	32	0.8	0.23	52	Built-in	2-1/2	63.0	9.9	280
IVIACIO	EF-S 60mm f/2.8 Macro USM	Ultrasonic	25⁰	8/12	32	0.65	0.2	52	ET-67B	2-3/4	69.8	11.8	335
	MP-E 65mm f/2.8 1-5x Macro Photo	Manual	11°46' (at 1x)	8/10	16	0.8	0.24	58	_	3-7/8	98.0	1.6 lbs.	730
	EF 100mm f/2.8 Macro USM	Ultrasonic	15°7'	8/12	32	1.0	0.31	58	ET-67	4-11/16	119.0	1.3 lbs.	600
	EF 180mm f/3.5L Macro USM	Ultrasonic	8°37'	12/14	32	1.6	0.48	72	ET-78II	7-3/8	186.6	2.4 lbs.	1,09
	Life Size Converter EF	-	-	3/4	-	0.8	0.24	-	-	1-3/8	34.9	5.6	160
Tilt-Shift	TS-E 24mm f/3.5L	Manual	52°55'	9/11	22	1.0	0.3	72	EW-75BII	3-7/16	87.0	1.2 lbs.	570
int-Jiiit	TS-E 45mm f/2.8	Manual	32°8'	9/10	22	1.3	0.4	72	EW-79BII	3-9/16	90.0	1.4 lbs.	645
	TS-E 90mm f/2.8	Manual	17°1'	5/6	32	1.6	0.5	58	ES-65III	3-7/16	88.0	1.2 lbs.	565
Extenders	Extender EF 1.4x II	_	_	_	_	_	_	_	_	1-1/16	27.2	7.8	220
	Extender EF 2x II	_	_	_		_	_	_	_	2-5/16	103	9.3	265

USM = Ultrasonic Motor; AD = Are Form Drive, MM = Micro Motor; Di = Drop in Filter, L = L-series Professional Lens; # = With Hood Adapter; 1 = Special Order Item \* TS-E AND MR-E lenses are manual focus only, with automatic diagram. \*\* Extensions EF 1.4x II and 2x II are for exclusive use with EF70 = 200mm If 28.L, 7,000mm If 28.L, 500mm If 56.L, 500mm If 56.L, 500mm If 56.L, 500mm If 28.L, 300mm If 28.L, 300mm If 28.L, 300mm If 28.L, 400mm If 40.D, 400mm If 56.L, 500mm If 56.L, 500mm If 45.L, 500

Mode Dial -

Main Dial

Shutter Button -

Red-Eye Reduction/-

Remote Control Sensor

Battery Compartment Cover

LCD PANEL INFORMATION

and Release Lever

Shutter Speed —

Shooting Mode

White Balance

Custom Function -

Image-Recording Quality

■ L Large/Fine

■ L Large/Normal

■ M Medium/Fine

■ S Small/Fine

RAW RAW

Metering Mode

Evaluative

□ Partial

■ S Small/Normal

RAW ▲ L RAW+Large/Fine

Center-Weighted Average

■ M Medium/Normal

AWB Auto

Self-Timer Lamp

Flash-ready Indicator: Flash-ready indicator lights in viewfinder

Flash Coverage: 17mm lens focal length (equivalent to 27mm in 135 format) Flash Metering System: F-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

#### DRIVE SYSTEM

Drive Modes: Single, Continuous, Self-timer/Remote control

Continuous Shooting Speed: Approx. 3 fps (at a shutter speed of 1/250 sec. or faster) Max. Burst During Continuous Shooting: IPEG: approx. 27 frames (Large/Fine): RAW:

Medium/Normal: Approx. 1.2MB (2,816 x 1,880), (5) Small/Fine: Approx. 1.3MB (1,936 x 1,288), (6) Small/Normal: Approx. 0.7MB (1,936 x 1,288), (7) RAW: Approx. 9.8MB Folders: Automatic folder creation; up to 9,999 images per folder (new folder created

Recording Format: JPEG, RAW, and RAW+JPEG simultaneous recording provided. The RAW

File Size: (1) Large/Fine: Approx. 3.8MB (3.888 x 2.592), (2) Large/Normal: Approx

2.0MB (3.888 x 2.592), (3) Medium/Fine: Approx. 2.3MB (2.816 x 1.880), (4)

when the file number reaches 9999) File Numbering: (1) Continuous numbering (2) Auto reset (3) Manual reset (the image numbering is reset to 0001, a new folder is created where subsequent images are

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, 2nd Color tone; Filter effect, Toning effect for black & white images

#### WHITE BALANCE

Settings: Auto, Preset (Daylight, Shade, Cloudy, Tungsten Light, White Fluorescent Light, Flash), Manual (Custom, or user-set Color Temperature)

Color Temperature Compensation: White balance bracketing: +/- 3 stops in 1-stop incre-

White balance correction: blue/amber bias +/- 9 levels, magenta/green bias +/- 9 levels. When blue/amber bias and magenta/green bias set with White balance correction, white

#### Type: Eye-level SLR with pentamirror

**SPECIFICATIONS** 

Lens Mount: Canon FF mount

IMAGE SENSOR

RECORDING SYSTEM

Type: Digital AF/AE SLR with built-in flash

Compatible Lenses: Canon FF and FF-S lenses

Lens Focal Length Conversion Factor: 1.6x

Effective Pixels: Approx. 10.10 megapixels

Color Filter System: RGB primary color filters

Image Compression: JPEG, RAW (Canon .CR2)

Low-pass Filter: Fixed position in front of the CMOS sensor

Total Pixels: Approx. 10.50 megapixels

Aspect Ratio: 3:2 (Horizontal: Vertical

Recording Medium: CompactFlash (CF) Card Type I & II

Image Sensor Size: 0.87 x 0.58 in./22.2 x 14.8mm (APS-C size sensor)

Type: High-sensitivity, high-resolution, single-plate, CMOS sensor

File Format: Design rule for Camera File System 2.0 and Exif 2.21

and JPEG images are saved as separate files in the CF card.

Magnification: 0.8x (-1 dpt with 50mm lens at infinity)

Dioptric Adjustment Correction: -3.0 to +1.0 diopter

Viewfinder Information: AF (AF points, focus confirmation light), Exposure (shutter speed, aperture, exposure level, AE lock, exposure compensation, AEB level, bulb), Flash (flash ready, red-eye reduction lamp on, high-speed sync, FE lock, FEB shooting, flash exposure compensation, insufficient flash warning during FE lock), White balance correction, Maximum burst, CF card full warning, CF card error warning, No CF card warning

Focusing Modes: Autofocus: One-Shot AF, Predictive AI Servo AF, AI Focus AF (automatic switching between One-Shot/Predictive Al Servo AF): Manual Focus (MF)

Selected AF Point Display: Superimposed on viewfinder and LCD monitor AF-assist Beam: Intermittent firing of built-in flash (Emitted automatically when neces-

sary under low light, and linked to all 9 AF points. Not emitted in the Landscape, Sports and Flash OFF modes)

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)

Metering Range: EV 1-20 (ISO 100 at 73°F/23°C with EF 50mm f/1.4 USM lens) AE, Auto Depth-of-field AE (non-shiftable), Full auto (Program AE, non-shiftable),

ISO Speed Range: Basic Zone: automatically set by the camera; Creative Zone: equivalent to ISO 100-1.600

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

Type: Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled Shutter Speeds: 1/4000 to 30 sec. (1/3- and 1/2-stop increments), X-sync at 1/200 sec. Shutter Release: Soft-touch electromagnetic release; shutter "lag time" approx. 100 msec. Self-Timer: 10 sec. delay, 2 sec. delay with C.Fn-7-1 (mirror lockup) Remote Control: Remote control with Remote Switch RS-60F3 or Wireless Remote

Type: Auto pop-up, retractable, built-in flash in the pentaprism

Recycling Time: Approx. 3 sec.

approx. 10 frames; RAW+JPEG: approx. 8 frames (Large/Fine)

Type: TFT color, liquid-crystal monitor

Monitor Size: 2.5 in. diagonal with a viewing angle of approx. 160° vertically and horizontally Pixels: Approx. 230,000 pixels Coverage: Approx 100%

#### Brightness Control: 7 levels provided

Image Display Format: Single image, 9-image index, Magnified zoom (approx. 1.5x to 10x), Auto play, Auto review right after shooting, Histogram, Rotate, Jump Highlight Alert: In the single image (INFO) display mode, the highlight portions containing no image information will blink

#### IMAGE PROTECTION AND FRASE

Protection: A single image can be protected or unprotected Erase: A single image or all images stored in a CF card can be erased if they are unpro-

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 IEC-400PCU) Settings: Print quantity, style (image, paper size, borders, date), trimming

Menu Categories: Shooting menu: red, Playback menu: blue, Setup menu: yellow LCD Monitor Languages: 15 languages provided (English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Russian, Simplified Chinese, Traditional Chinese, Korean, Japanese) Firmware Update: Enabled by the user

#### POWER SOURCE

Battery: One Battery Pack NB-2LH Number of Shots:

Configuration		No Flash Used	50% with Flas	
NB-21 HX1	Normal temp (73ºF/23ºC)	500 frames	360 frames	
ND-ZLIIA1	Low temp (32°F/0°C)	370 frames	280 frames	
NB-21Hx2	Normal temp (73ºF/23ºC)	1000 frames	720 frames	
ND-ZLIIAZ	Low temp (32°F/0°C)	740 frames	560 frames	

#### DIMENSIONS AND WEIGHT

Dimensions (W x H x D): 4.98 x 3.71 x 2.56 in./126.5 x 94.2 x 65mm Weight: 18 oz./510g (body only)

#### 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

### TFT monitor images shown in this sales guide are simulated.

#### Sunnlied Accessories

A. EOS Digital Rebel XTi body B. Battery Pack NB-2LH

G. Software Instruction Manual Disk H. Wide Strap EW-100DBII

C. Battery Charger CB-2LW D. USB Interface Cable IFC-400PCU E. Video Cable VC-100

I. Eyecup Ef (Not Shown)

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F. EOS Digital Solution Disk

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## **CUSTOM FUNCTION**

Custom Function Number	Function Description	Setting	Final Outcome
		0	SET: Picture Style
	SET button/Cross keys function	1	SET: Quality
C. Fn-01		2	SET: Flash Exposure Compensation
		3	SET: Playback
		4	Cross keys: AF frame selection
	Long exposure noise reduction	0	Off
C. Fn-02		1	Auto
		2	On
C. Fn-03	Flash sync speed in Av mode	0	Auto
C. FII-U3		1	1/200 sec. (Fixed)
	Shutter button/ AE lock button	0	AF/AE lock
		1	AE lock/AF
C. Fn-04		2	AF/AF lock, no AE lock
		3	AE/AF, no AE lock
		0	Emits
C. Fn-05	AF-assist beam	1	Does not emit
		2	Only accessory flash emits
C. Fn-06 Exposure level increments		0	1/3-stop
C. FII-U6	Exposure level increments	1	1/2-stop
C. Fn-07	Mirror lockup	0	Disable
C. FN-0/		1	Enable
6.5.00	E-TTL II	0	Evaluative
C. Fn-08		1	Average
C. Fn-09	Shutter curtain sync.	0	1st-curtain sync.
C. FII-U9		1	2nd-curtain sync.
C. Fn-10	Magnified view	0	Image playback only
C. FII-10	Magnified view	1	Image review and playback
C. Fn-11	LCD display when power ON	0	Display
C. III-11	LCD display when power ON	1	Retain power OFF status

Platform	Windows	Windows					
Operating System	Microsoft Windows 98SE/Me/2000/X Pentium 500 MHz or higher processo	Mac OS X 10.2–10.4					
CPU		Pentium 500 MHz or higher processor ntium 750 MHz or higher (EOS Utility)* PowerPC G3/G4/G5 or Intel pro					
RAM		Windows XP/2000: 256MB (Digital Photo Professional requires 512MB minimum) Windows 98SE/Me: minimum 128MB					
Interface	U:	USB 1.1 to 2.0 Hi-Speed					
Available hard disk	EOS Utility*	256	EOS Utility**	256			
space (MB or better)	ZoomBrowser EX (including PhotoRecord, RAW Image Task and Camera Window)	256	Image Browser (including RAW Image Task and Camera Window)	256			
	Digital Photo Professional	512	Digital Photo Professional	512			
Display		Screen Resolution: 1024 x 768 pixels or more; Color Quality: 16-bit (medium) or more					
Other	CD-ROM (	CD-ROM drive required for installation					

<sup>\*</sup> Digital Photo Professional and EOS Utility are not compatible with Windows 98SE/Me. See enclosed Software Guide for further details.

Interface: USB 2.0 Hi-Speed, mini-B port. NTSC/PAL for video output

Auto White Balance: Auto white balance with the image senso

balance bracketing cannot be set to more than +/- 9 levels

Coverage: Approx. 95% horizontally and vertically

Eyepoint: Approx. 21mm

Mirror: Quick-return half mirror (Transmission: reflection ratio of 40:60)

Depth-of-Field Preview: Enabled with depth-of-field preview button (with Speedlite

AF Point Selection: Automatic selection, Manual AF point selection

#### EXPOSURE CONTROL

Center-weighted average metering

Exposure Control Systems: Program AE (shiftable), Shutter-priority AE, Aperture-priority Programmed image control modes, Manual exposure (including bulb), E-TTL II autoflash nrogram AF

Exposure Compensation: (1) User-set with multi-controller (2) AEB (Auto Exposure

\* Day light ♠ Shade Cloudy \* Tungsten Light COMPATIBLE OPERATING SYSTEMS AND COMPUTER ENVIRONMENTS Flash Exposure ₩ White Flourescent Light compensation Flash Drive Mode 580EX, 430EX, MR-14EX or MT-24EX; pressing the depth-of-field preview button fires a Custom 1/125 F5.6 ISO 100 modeling flash) ☐ Single Shooting Eveniece Shutter: None (eveniece cover provided on strap) P -2..1..0..1..12 22-1 Continuous Shooting **★4** #**62** 0000 0 0 **2..1..▼..1.t2** ₩**B** 0 • WB WB Correction/ ঙৌ Self-timer/ Type: TTL-CT-SIR with CMOS sensor WB-Bracketing AWB ® ONE SHOT Remote Control AF points: 9 AF points - Focus Confirmation Light AF Working Range: EV -0.5-18 (ISO 100 at 73°F/23°C) <<del>X</del>> AE lock

Exposure Level

AEB level

•Exposure Compensation Amount

- CF Card Error Warning (FULL EF)

-Power Switch

- Power Lamp

Cross Kevs

- AE/FE Lock Button

- AF Point Selection /

Aperture/Exposure

ISO Speed Button

AF Mode Button

— Set Button

Compensation Button

Drive Mode Selection Button

Picture Style Selection Button

- <-> AF Point Display indicator

White Balance Button

- Metering Mode Button

- CF Card Slot Cover

- Access Lamp

AF Point

Enlarge Button

Index/Reduce Button

AEB in-progress <\$> Flash Ready Maximum Burst Improper FÉ Lock Warning < \$ H> High-Speed sync (FP flash) White Balance Correction/ < \* \* > FE lock/FEB in-progress WB Bracketing

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VIEWFINDER INFORMATION

< 22 > Flash Exposure Compensation Shutter Speed (4000 – 3011, 6516) -

FE lock (FF) Busy (6054)

Built-in Flash Recycling (\* 6 5 5 5 9)

-AF Point Selection

 Battery Check 

Flash-sync Contacts
 Dioptric Adjustment Knob -

Built-in Flash / AF-assist Beam

- Strap Mount

Flash Button

Lens Release Button

VIDEO OUT Terminal

(For RS-60E3)

Tripod Socket

Aperture

Red-eye Reduction

Shots Remaining

Self-timer Countdown

- Bulb Exposure Time

· Monochrome shooting

Shots Remaining During WB-BRACKETING

AF mode (ONE SHOT, AI FOCUS, AI SERVO)

DIGITAL Terminal

Remote Control Terminal

- Depth-of-Field Preview Button

Exposure Compensation Amount

Exposure Level

AEB level

Canon

Gm ₩ ∰ [ . . . . ] B/W • ») ⊗

Viewfinder Eyepiece -

Display-off Sensor -

Print/Share Button -

Camera Setting

INFO/Trimming

Orientation Button

Display on/off

MENU Button -

IUMP Button

Erase Button

LCD Monitor -

Focusing Screen -

Playback Button -

Aperture Value (00 – 9 1) –

CF Card Full Warning (Err EF) No CF Card Warning (no EF)

<sup>\*\*</sup> As of September 1, 2006, EOS Utility is not compatible with Macintosh computers (Mac OS X 10.4.4-10.4.6) equipped with an Intel processor.



Canon







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Ever since Canon introduced the first EOS Rebel, it has always been a class leader, making advanced technology simple for everyone to use. The Digital Rebel XTi is no exception. It offers compatibility with an entire line of Canon photography tools including flashes, printers and much more. Power, resolution and simplicity ensure that the Rebel XTi is simply superior.





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