

**GENERAL**

Packaged Quantity

1

Width

6 in

Depth

3 in

Height

4.6 in, 4.5 in

Weight

1.79 lbs, 2.09 lbs

Body Material

magnesium alloy

Sensor Resolution

22.3 Megapixel, 21.1 Megapixel

**DISPLAY**

Optical Sensor Type

CMOS

Total Pixels

23400000 pixels, 22000000 pixels

Effective Sensor Resolution

22300000 pixels, 21100000 pixels

Optical Sensor Size

24 x 36mm

Field of View Crop Factor

1.0

Sensor Dust Reduction

Yes

Sensor Features

EOS Integrated Cleaning System

Image Processor

DIGIC 4, Dual DIGIC 5+

System

TTL phase detection

Auto Focus Points (Zones) Qty

61, 15

AE/AF Control

Predictive AI Servo AF

Face Detection Details

Live Face detection AF mode

Digital Video Format

H.264, MOV

Image Recording Format

JPEG, RAW, RAW + JPEG

Max Video Resolution

1920 x 1080

Interfaces Provided

HDMI, composite video/audio, USB 2.0, composite video/audio

Manufacturer

Canon

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Display Format

1,040,000 pixels, 920,000 pixels

Display Form Factor

built-in

**EXPOSURE & WHITE  
BALANCE**

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Light Sensitivity

ISO 100-6400, ISO 100-25600, ISO 102400, ISO 12800, ISO 50,  
ISO 25600, ISO 50, ISO 51200, ISO auto (100-12800), ISO auto  
(100-3200)

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Exposure Metering

center-weighted, evaluative, partial (6.2%), partial (8%), spot  
(3.5%), spot (1.5%), spot AF area

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Exposure Metering Zones

63, 35

**ENVIRONMENTAL**

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Exposure Modes

**PARAMETERS**

E-TTL II program flash, aperture-priority, automatic, bulb, manual,  
program, shutter-priority

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Shooting Programs

landscape, portrait mode

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Special Effects

Faithful, Landscape, Monochrome, Neutral, Portrait

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White Balance

automatic, custom, presets

White Balance Presets

cloudy, daylight, flash, fluorescent light (daylight white),  
fluorescent, shade, tungsten light

Max Shutter Speed

1/8000 sec

Min Shutter Speed

30 sec

Exposure Compensation

±3 EV range, in 1/2 or 1/3 EV steps, ±5 EV range, in 1/2 or 1/3 EV  
steps

Auto Exposure Bracketing

3 steps in 1/2 or 1/3 EV steps

White Balance Bracketing

Yes

X-sync Speed

1/200 sec

Exposure Range

EV 1-20 ( ISO 100 )

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Min Operating Temperature

32 °F

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Max Operating Temperature

104 °F

**CARRYING CASE**

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Type

none

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Included Accessories

USB cable, audio / video cable, battery charger, body cap,  
eyecup, eyepiece cover, neck strap

**CAMERA FLASH**

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Type

none

**CAMERA**

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Status LCD Display Illumination

Yes

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Lens Mounting

Canon EF

**MISCELLANEOUS**

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Microsoft Certification

Compatible with Windows 7

**MEMORY / STORAGE**

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## Protection

dust resistant, waterproof

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## Supported Memory Cards

CompactFlash, SD Memory Card, Microdrive, SDHC Memory Card, SDXC Memory Card

**VIEWFINDER**

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## Video Capture

H.264 - 1920 x 1080 - 30 fps

H.264 - 1920 x 1080 - 25 fps

H.264 - 1920 x 1080 - 24 fps

H.264 - 1280 x 720 - 60 fps

H.264 - 1280 x 720 - 50 fps

H.264 - 640 x 480 - 60 fps

H.264 - 640 x 480 - 50 fps

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## Viewfinder Type

fixed eye-level pentaprism

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## Type

fixed eye-level pentaprism

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## Field Coverage

100%, 98%

**ADDITIONAL FEATURES**

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## Viewfinder Type

Optical - fixed eye-level pentaprism

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## Magnification

0.71x

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## Dioptic Correction Range

-3 to +1

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## Viewfinder Frames

autofocus frame

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## Viewfinder Information

AE lock, AF-in-focus, AF point, flash charge completion, memory card status, flash compensation on/off, metering system, shutter speed, grid, high-speed sync indicator, white balance, highlight tone priority, maximum burst, memory card status, red-eye reduction, shutter speed, AF status, FE lock, AF-in-focus, ISO sensitivity, FE lock, aperture, ISO sensitivity, battery status, exposure compensation, aperture, battery status, flash charge completion, flash compensation on/off, electronic level, high-

speed sync indicator, exposure compensation

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Continuous Shooting Speed

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6 frames per second, 3.9 frames per second

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Self Timer Delay

10 sec, 2 sec

**CONNECTIONS**

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Flash Terminal

PC terminal, hot shoe

Features

AE lock, AF lock, Lens Distortion Compensation (LDC), digital noise reduction, highlight point display, RGB primary color filter, histogram display, Scene Intelligent Auto technology, peripheral illumination correction, auto power save, automatic display brightness adjustment, takes photos while movie recording, camera orientation detection, cropping an image, depth-of-field preview button, digital image rotation, digital noise reduction, Auto Lighting Optimizer, FE lock, face detection, highlight point display, histogram display, in-camera RAW processing, peripheral illumination correction, Backup recording, LCD live view mode, RGB primary color filter, Chromatic Aberration Compensation (CAC), audio recording, Constant AF Live View, auto power save, Dual Axis Electronic Level, Dust Delete Data system, camera orientation detection, depth-of-field preview button, FE lock, HDR image enhancement technology, digital image rotation

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Memory Card Slot

CompactFlash Card, SD card

**MICROPHONE**

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Microphone Operation Mode

mono

**SOFTWARE**

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Type

Canon Digital Photo Professional, Canon ImageBrowser, Canon ImageBrowser EX, Canon PhotoStitch, Canon Remote Capture, Canon ZoomBrowser EX, Drivers & Utilities, Canon wireless Remote Capture, Drivers & Utilities

**BATTERY**

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Battery Type

Canon LP-E6

**SYSTEM**

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Details

**REQUIREMENTS FOR PC CONNECTION**

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1 x Li-ion rechargeable battery ( included )

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Operating System Support

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Apple Mac OS X 10.3 - 10.5, MS Windows 7, MS Windows 2000  
SP4 or later, MS Windows Vista, MS Windows Vista SP1, MS  
Windows XP, MS Windows XP SP2 or later

**COMMUNICATIONS**

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Peripheral Devices

CD-ROM drive, USB port

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Connectivity Features

Wi-Fi ready

**GENERAL**

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Manufacturer

Canon