Specifications for canon digital camera ixus-145 (black)

Technical Details

IMAGE SENSOR	
Type	
1/2.3 type CCD	
Effective Pixels	
Approx. 16.0M	
Colour Filter Type	
Primary Colour	
IMAGE PROCESSOR	
Type	
DIGIC 4+ with iSAPS technology	
LENS	
Focal Length	
5.0 – 40.0 mm (35 mm equivalent: 28 – 224 mm)	
Zoom	
Optical 8x ZoomPlus 16x Digital Approx. 4x Combined Approx. 32x[1]	

Maximum f/number

f/3.2 – f/6.9

Construction

8 elements in 7 groups
(1 double-sided aspherical lens)

FOCUSING

Type

TTL

AF System/ Points

AiAF (Face Detection / 9-point), 1-point AF (fixed to centre)

AF Modes

Single, Continuous (Auto mode only), Servo AF/AE, Tracking AF[1]

AF Lock

Yes

AF Assist Beam

Yes

Closest Focusing Distance

1 cm (W) from front of lens in macro

EXPOSURE CONTROL

Metering modes

Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre)

AE Lock

Yes

Exposure Compensation

+/- 2 EV in 1/3 stop increments.
Enhanced i-Contrast for automatic dynamic range correction

ISO sensitivity

AUTO, 100, 200, 400, 800, 1600

SHUTTER

Speed

1 – 1/2000 sec. (factory default)
15 – 1/2000 sec. (total range – varies by shooting mode)

WHITE BALANCE

Type

TTL

Settings
Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom

COLOUR MATRIX

Type
sRGB

LCD MONITOR

Monitor
6.8 cm (2.7") LCD (TFT), Approx. 230,000 dots

Coverage
Approx. 100%

Brightness
Adjustable to one of five levels. Quick-bright LCD

FLASH

Modes
Auto, Manual Flash On / Off, Slow Synchro

Slow Sync Speed
Yes. Fastest speed 1/2000 sec.

Red-Eye Reduction
Yes

Flash Exposure Compensation
Face Detection FE, Smart Flash Exposure

Flash Exposure Lock
Yes

Built-in Flash Range
50cm – 3.0 m (W) / 1.3 – 1.5 m (T)

External Flash
Canon High Power Flash HF-DC1 Canon High Power Flash HF-DC2

SHOOTING

Modes
Smart Auto (32 scenes detected), P, Portrait, Live View Control, Digital IS, FaceSelf-Timer, Low Light (4.0 MP), Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super

Vivid, Poster Effect, Snow, Fireworks, Long Shutter

Modes in Movie

Smart Auto (21 scenes detected), P, Portrait, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks

Drive modes

Single, Continuous, Self-Timer

Continuous Shooting

Approx. 0.8 shots/sec.[1] (until memory card becomes full)[2]

RECORDING PIXELS / COMPRESSION

Image Size

4:3 - (L) 4608 x 3456, (M1) 3264 x 2448, (M2) 2048 x 1536, (S) 640 x 480, (W) 4608 x 2592
Resize in playback (M2, S)

Compression

Fine

Movies

(HD) 1280 x 720, 25 fps, (L) 640 x 480, 30 fps
Miniature Effect (HD) 5fps, 2.5fps, 1.25 fps
Miniature Effect (L) 6fps, 3fps, 1.5 fps

Movie Length

(HD) Up to 4 GB or 29 min. 59 sec.[1]
(L) up to 4 GB or 1 hour[2]

ILE TYPES

Still Image Type

JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant

Movies

MOV [H.264 + Linear PCM (monaural)]

DIRECT PRINT

Canon Printers

Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge

PictBridge

Yes

OTHER FEATURES

Red-Eye Correction

Yes, during shooting and playback

Histogram

Yes

Playback zoom

Approx. 2x – 10x

Self Timer

Approx. 2 or 10 sec. or Custom

Menu Languages

English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi, Malaysian, Hindi, Indonesian, Vietnamese, Hebrew

INTERFACE

Computer

Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)

Other

A/V output, dedicated connector (PAL/NTSC)

MEMORY CARD

Type

SD, SDHC, SDXC

SUPPORTED OPERATING SYSTEM

PC & Macintosh

Windows 8, 8.1 / 7 SP1 / Vista SP2 / XP SP3
Mac OS X 10.7, 10.8, 10.9

SOFTWARE

Browsing & Printing

ImageBrowser EX

Other	
Camera Window PhotoStitch	

POWER SOURCE

Batteries
Rechargeable Li-ion Battery NB-11L (battery and charger supplied)
Battery life
Approx. 230 shots Eco Mode: Approx. 310 shots Approx. 240min. playback
A/C Power Supply
Optional, AC Adapter Kit ACK-DC90

ACCESSORIES

Cases / Straps
Soft Case DCC-1370 Soft Case DCC-1350 Soft Case DCC-1320
Flash
Canon High Power Flash HF-DC1 Canon High Power Flash HF-DC2
Power Supply & Battery Chargers
AC Adapter Kit ACK-DC90
Other
Canon AV Cable AVC-DC400

PHYSICAL SPECIFICATIONS

Operating Environment
0 – 40 °C, 10 – 90% humidity
Dimensions (WxHxD)
95.2 x 54.3 x 22.1 mm
Weight
Approx. 127 g (including battery/batteries and memory card)
Disclaimers
All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.

Subject to change without notice.
Footnotes
Zoom - [1] Depending on the image size selected.
Continuous Shooting - [1] Under conditions where the flash does not fire. [2] Depending on memory card speed / capacity / compression setting.
Movie Length - [1] The following Speed Class memory cards are required for maximum record time: (HD) 1280 x 720 Speed Class 4 or above. (Full HD) 1920 x 1080 Speed Class 6 or above. (iFrame) 1280 x 720 Speed Class 6 or above. [2] Depending on memory card speed / capacity / compression setting.
AF Modes - [1] Some settings limit availability.

Product Description :

Simple interface and fuss-free handling is the USP of Canon IXUS 145. This [Canon Camera](#) is made for those photographers who want a basic camera for occasional shooting. Canon IXUS 145 comes with 2 years genuine Canon warranty and promises great performance amongst the cameras of its segment. This digital camera is light weight and compact and suits the needs of beginners well. A dedicated movie button just requires a click to start video recording whereas by using the Help button you can easily learn about the functions and features of the camera.

Effective 16 Megapixels

Click endless photographs with superb quality with your Canon IXUS 145 as it comes with effective 16 Megapixels image sensor that produces the resolution of 230000 dots. You can snap brilliant photos and view them on your Canon powershot camera without having to worry about picture quality.

8X Optical Zoom

Equipped with 8X optical zoom within a compact body, this camera makes you get closer to your subjects. Zoom in and capture details of your subject and view it on the LCD screen. Canon IXUS 145 allows you to digitally zoom the image on your camera up to 4X. Thus, you can get a comprehensive view of your subjects after they have been clicked.

Upgraded Digic 4+ Processor

Canon IXUS 145 makes your photography experience enjoyable as now you need not wait for long to see the processed image on the screen. The upgraded digic 4+ processor in this Canon digital camera improves the image processing by 60 percent. Also, it increases the start up speed of the camera and upgrades the processing when you shoot with auto focus mode on.

2.7 Inch LCD Monitor

With a large and clear 2.7 inch LCD screen, viewing and capturing images on Canon powershot becomes pleasurable. The contrast, texture and sharpness produced are awe-aspiring and colours

come out bright to lure your senses. You can easily preview your images on the LCD screen and keep snapping till you find your perfect shot.

720p HD Video Recording

You can record high definition videos at 720 p on your Canon IXUS 145 digital camera at 25 frames per second by simply pressing the dedicated movie button on the camera. Each HD video can be recorded in 29 minute segment and if you are capturing the movement without high definition, this Canon digital camera can record up to 55 minutes approximately.

Power Saving Eco Mode

You need not worry anymore on how to save the battery power of your Canon IXUS 145. The camera comes with an Eco mode which when enabled automatically saves power for longer camera function. When your camera stays idle for more than a few seconds, Eco mode starts to darken the LCD screen. Thus, it reduces the power consumed by the image sensor of Canon IXUS 145 digital camera during inactivity.

Help Button

For those who have just started with their first photography spree, a gap may arise when it comes to understanding the features of Canon digital camera. To remove this block, Canon IXUS 145 has introduced a Help button on this digital camera that conveniently takes you through all the functions. Now, you need not flip through the instruction manual to understand the camera features as they come in handy when and where you want.

Built-In Flash

Canon IXUS 145 has in-built flash that illuminates the subjects in low light. You can choose Auto mode or manually adjust flash conditions as per your choice. An external flash is also available that has a range of 50 cm to 3 m and comes with slow synchronisation speed and flash exposure lock.

Shooting Modes for Creative Effects

There are a number of shooting modes in Canon IXUS 145 that can help in expanding your creative potential. **Poster effect, super vivid, fireworks, snow, long shutter, monochrome, low light photography, portrait, miniature effect, fish-eye effect, face self-timer** and many more such interesting shooting modes are there in this digital camera to enhance your images. Edit pictures and explore these effects for better results.

Weighs just 127 Grams

Designed compactly, this Canon digital camera weighs just 127 grams including the battery weight and memory card weight. Its light weight body makes it easy to carry anywhere. You can slide it simply in to your pocket or put it inside your handbag. Canon IXUS 145 makes your perfect partner for leisure photography anywhere anytime.

Easy Memory Expansion

This Canon digital camera supports external memory devices so that you can record as many videos and capture as many images as you like. Canon IXUS 145 supports SD, SDHC and SDXC type memory cards of different memory storage capacity that can be installed inside this digital camera. Also, you can transfer these images and videos on to your computer with the help of USB cable easily.

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