

Canon

PowerShot G7X Mark III

Supplementary Information

ENGLISH

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CT0-D231-A

Specifications



Image Sensor

Image size 1.0 type
 Camera effective pixels
 (Pixels may decrease due to image processing) Approx. 20.1 megapixels
 Total pixels Approx. 20.9 megapixels

Lens

Focal length (35mm film equivalent)..... 8.8 – 36.8 mm (24 – 100 mm)
 Zoom magnification 4.2x
 Step zoom..... 24 mm, 28 mm, 35 mm, 50 mm, 85 mm,
 100 mm

Shooting Range (measured from the tip of the lens)

Shooting Mode	Focus Range	Maximum Wide Angle (W)	Maximum Telephoto (T)
AUTO*	–	5 cm (2.0 in.) – Infinity	40 cm (1.3 ft.) – Infinity
Other modes		5 cm (2.0 in.) – Infinity	40 cm (1.3 ft.) – Infinity
		5 – 50 cm (2.0 in. – 1.6 ft.)	–

* Manual Focus is the same.

Shutter

Shutter speed

Auto mode (automatic settings)
 Max. Tv 1 sec.
 Min. Tv 1/2000 sec.
 Range in all shooting modes
 Max. Tv 30 sec.
 Min. Tv 1/25600 sec.
 Available Tv values (sec.)
 Shooting mode..... M mode/Tv mode/Movie manual
 exposure

Aperture Value

F number

Wide angle..... 1.8 – 11
 Telephoto 2.8 – 11

Flash Control

Built-in flash

Flash range (Wide angle end)	
Closest point	Approx. 50 cm (approx. 1.6 ft.)
Farthest point	Approx. 7.5 m (approx. 24.6 ft.)
Flash range (Telephoto end)	
Closest point	Approx. 40 cm (approx. 1.3 ft.)
Farthest point	Approx. 5.0 m (approx. 16.4 ft.)

Screen

Screen

Type	TFT color liquid crystal
Screen size	3.0 type
Number of dots	Approx. 1,040,000 dots

Shooting

Digital zoom

Magnification.....	Approx. 4x
Maximum with optical zoom.....	Approx. 17x
Focal length (Telephoto end, 35mm film equivalent).....	Equivalent to approx. 400 mm
ZoomPlus (Number of recording pixels L).....	Approx. 8.4x

Continuous shooting

Shooting speed*

One-Shot AF

Continuous shooting speed (high-speed).....	Max. approx. 20.0 shots/sec.
Continuous shooting speed (low-speed).....	Max. approx. 3.0 shots/sec.

Servo AF

Continuous shooting speed (high-speed).....	Max. approx. 8.3 shots/sec.
Continuous shooting speed (low-speed).....	Max. approx. 3.0 shots/sec.

RAW burst mode

Continuous shooting speed.....	Max. approx. 30.0 shots/sec.
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* Continuous shooting speed may become slower due to the following factors:

Tv value/Av value/Subject conditions/Shooting environment/Use of flash

Recording

File format.....	DCF-compliant DPOF compatible (Version 1.1)
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Data type

Still images

Recording format	Exif 2.31 (DCF 2.0)
Image (RAW images are A/D converted into 12-bit format)	JPEG/RAW (CR3 Canon original: 14-bit RAW format)

Movies

Recording format	MP4
Video.....	MPEG-4 AVC/H.264
Audio.....	MPEG-4 AAC-LC (stereo)

Recording pixels, number of shots per a memory card

Still images

Using a 32 GB UHS-I memory card with a UHS speed class of 3	
L Fine	Approx. 4535 shots
RAW	Approx. 1355 shots

Power

Battery Pack	NB-13L
Number of still image shots (CIPA compliant: room temperature 23°C/73°F)	
Screen On	Approx. 235 shots
Number of still image shots (Eco Mode On)	
Screen On	Approx. 320 shots
Movie recording time (CIPA compliant: room temperature 23°C/73°F)	
Screen On	Approx. 55 min.
Movie recording time (continuous shooting)*	
Screen On	Approx. 90 min.
* Total time when recording repeatedly under the following conditions: In Auto mode with all settings set to defaults, no zooming or other operations, and automatically stop/resume after the time per recording is reached	
Playback time (Time when playing back a slideshow of still images)	Approx. 5 hr.

Interface

Wired

Digital terminal	USB Type-C
HDMI OUT terminal	Type D

Wireless

Bluetooth

Compliance standards	Bluetooth Ver. 4.2 (Bluetooth low energy technology)
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Wi-Fi

Compliance standards	IEEE 802.11n/g/b
Transmission frequency	
Frequency	2.4 GHz
Channels	1 – 11 ch

Security

Infrastructure mode	WPA2-PSK (AES/TKIP), WPA-PSK (AES/TKIP), WEP * Wi-Fi Protected Setup compliant
Camera access point mode	WPA2-PSK (AES)

Operating Environment

Temperature	Min.: 0 °C (32 °F), Max.: 40 °C (104 °F)
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Dimensions (CIPA Compliant)

W	Approx. 105.0 mm (approx. 4.13 in.)
H	Approx. 60.9 mm (approx. 2.4 in.)
D	Approx. 41.4 mm (approx. 1.63 in.)

Weight (CIPA Compliant)

Including battery pack, memory card	Approx. 304 g (approx. 10.7 oz.)
Camera body only	Approx. 280 g (approx. 9.9 oz.)

Battery Pack NB-13L

Type.....	Rechargeable lithium-ion battery
Nominal voltage.....	3.6 V DC
Battery capacity.....	1250 mAh
Working temperature range.....	0 °C – 40 °C (32 °F – 104 °F)

Battery Charger CB-2LH

Compatible battery	Battery Pack NB-13L
Charging time	Approx. 2 hr. 10 min. (at room temperature)
Rated input	100 – 240 V AC (50/60 Hz)
Rated output.....	4.2 V DC / 0.7 A
Working temperature range.....	+5 °C – 40 °C (41 °F – 104 °F)

- All the data above is based on Canon's testing standards and CIPA (Camera & Imaging Products Association) testing standards and guidelines.