

**Canon**

***PowerShot G7X* Mark III**

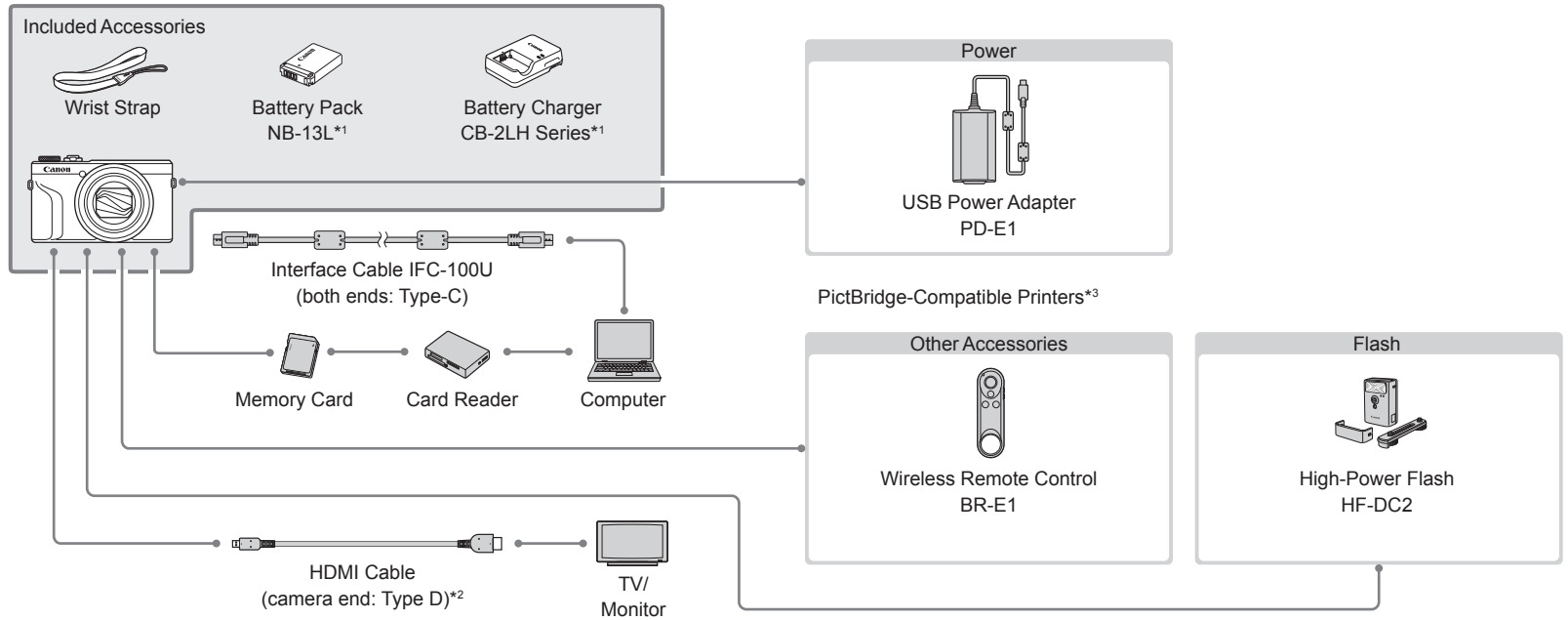
Supplementary Information

ENGLISH

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CT0-D231-A

## System Map



\*1 Also available for purchase separately.

\*2 Use a commercially available cable no longer than 2.5 m (8.2 ft.).

\*3 When using a cable to connect the camera to a printer, use a USB cable (camera end: USB Type-C) for the connection.

## 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)
<b>AUTO*</b>	–	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.