



Specifications(PowerShotG7XMarkIII)

Last Updated : 20-Jun-2019

Issue Number : 6200628100

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 klmequivalent)	8.8–36.8mm(24–100mm)		
	Zoom magnification	4.2x		
	Step zoom	24mm, 28mm, 35mm, 50mm, 85mm, 100mm		
Shooting Range (measured from the tip of the lens)	Shooting Mode	Focus Range	Maximum Wide Angle (W)	Maximum Telephoto (T)
	AUTO *Manual Focus is the same.	-	5cm(2.0in.) –Infinity	40cm(1.3ft.)–Infinity
	Other modes		5cm(2.0in.) –Infinity	40cm(1.3ft.)–Infinity
			5–50cm (2.0in.–1.6ft.)	-
Shutter	Shutter speed	Auto mode (automatic settings)	Max. Tv	1sec.
			Min. Tv	1/2000sec.
	Range in all shooting modes		Max. Tv	30sec.
			Min. Tv	1/25600sec.
Available Tv values (sec.)		Shooting mode	M mode/Tv mode/Movie manual exposure	

Aperture Value	Fnumber	Wideangle	1.8–11			
		Telephoto	2.8–11			
Flash Control	Built-inflash	Flashrange(Wideangle end)	Closest point	Approx.50cm(approx.1.6 ft.)		
			Farthest point	Approx.7.5m(approx.24.6 ft.)		
		Flashrange(Telephoto end)	Closest point	Approx.40cm(approx.1.3 ft.)		
			Farthest point	Approx.5.0m(approx.16.4 ft.)		
Screen	Screen	Type	TFTcolorliquidcrystal			
		Screensize	3.0type			
		Numberofdots	Approx.1,040,000dots			
Shooting	Digitalzoom	Magnikcation	Approx.4x			
		Maximum with optical zoom	Approx.17x			
		Focallength(Telephoto end, 35mm klm equivalent)	Equivalenttoapprox.400mm			
		ZoomPlus(Numberof recordingpixelsL)	Approx.8.4x			
	Continuousshooting	Shootingspeed *Continuous shooting speedmaybecomeslower due to the following factors: Tv value/Av value/Subject conditions/Shooting environment/Useofflash	One-ShotAF	Continuous shooting speed(high-speed)	Max. approx. 20.0 shots/sec.	
				Continuous shooting speed (lowspeed)	Max. approx.3.0 shots/sec.	
			ServoAF	Continuous shooting speed(high-speed)	Max. approx.8.3 shots/sec.	
				Continuous shooting speed (lowspeed)	Max. approx.3.0 shots/sec.	
			RAW burst mode	Continuous shooting speed	Max. approx. 30.0 shots/sec.	

Recording	Fileformat	DCF-compliantDPOFcompatible(Version1.1)			
	Datatype	Stillimages	Recording format	Exif2.31(DCF2.0)	
			Image(RAW images are A/D converted into 12-bit format)	JPEG/RAW(CR3Canon original: 14-bit RAW format)	
		Movies	Recording format	MP4	
			Video	MPEG-4AVC/H.264	
	Audio	MPEG-4AAC-LC(stereo)			
Recording pixels, numberofshotsperamemorycard	Stillimages	Usinga32GBUHS-I memory cardwitha UHSspeed classof3	LFine	Approx. 4535shots	
			RAW	Approx. 1355shots	
Power	BatteryPack	NB-13L			
	Number of still image shots(CIPAcompliant: room temperature 23°C/73°F)	ScreenOn	Approx.235shots		
	Numberofstillimage shots(EcoModeOn)	ScreenOn	Approx.320shots		
	Movie recording time (CIPAcompliant:room temperature 23°C/73°F)	ScreenOn	Approx.55min.		
	Movie recording time (continuousshooting) * Total time when recording repeatedly under the following conditions: In Auto mode with all settingssettodefaults, no zooming or other operations, and automatically stop/resume after the time per recording is reached	ScreenOn	Approx.90min.		
	Playbacktime(Time whenplayingbacka slideshow of still images)	Approx.5hr.			

Interface	Wired	Digital terminal	USB Type-C		
		HDMI OUT terminal	Type D		
	Wireless	Bluetooth	Compliance standards	Bluetooth Ver. 4.2 (Bluetooth low energy technology)	
			Compliance standards	IEEE 802.11n/g/b	
		Transmission frequency		Frequency	2.4GHz
			Channels	1-11ch	
Wi-Fi	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)			
Dimensions (CIPA Compliant)	W	Approx. 105.0mm (approx. 4.13in.)			
	H	Approx. 60.9mm (approx. 2.4in.)			
	D	Approx. 41.4mm (approx. 1.63in.)			
Weight (CIPA Compliant)	Including battery pack, memory card	Approx. 304g (approx. 10.7oz.)			
	Camera body only	Approx. 280g (approx. 9.9oz.)			
Battery Pack NB-13L	Type	Rechargeable lithium-ion battery			
	Nominal voltage	3.6VDC			
	Battery capacity	1250mAh			
	Working temperature range	0°C–40°C (32°F–104°F)			
Battery Charger CB-2LH	Compatible battery	Battery Pack NB-13L			
	Charging time	Approx. 2hr. 10min. (at room temperature)			
	Rated input	100–240VAC (50/60Hz)			
	Rated output	4.2VDC/0.7A			
	Working temperature range	+5°C–40°C (41°F–104°F)			