

EX-ZR100 Specifications

			EX-ZR100
Number of Effective Pixels			12.1 megapixels(/million)
Image Sensor			1/2.3-inch high-speed CMOS(back-illuminated type)
Total Pixels			12.75 megapixels(/million)
File Format			JPEG (Exif Ver2.3), DCF2.0, DPOF
Still Images			
Movies			MOV format, H.264/AVC, IMA-ADPCM (stereo)
Built-in Memory			It has not yet been fixed
Recording Media			SD Memory Card, SDHC Memory Card, SDXC Memory Card compatible
Number of Recorded Pixels			12M(4000x3000), 3:2(4000x2656), 16.9(4000x2240), 10M(3648x2736), 8M(3264x2448), 5M(2560x1920), 3M(2048x1536), VGA(640x480)
Still Images			
Movies			FHD : 1920 x 1080(30fps) , STD : 640 x 480(30fps) HS : 224 x 64(1000fps) / 224 x 160(480fps) / 432 x 320(240fps) / 432 x 320(30-240fps)
Recording Capacity			It has not yet been fixed
Still Images			SD Memory Card 1GB* ¹
Movies			Recording Time SD Memory Card 1GB* ¹
High-speed Continuous Shutter			40fps, 30fps, 15fps, 10fps, 5fps, 3fps (10M)
Lens			9 lenses in 8 groups, including aspherical lens
Construction			
F-number			F3.0(W) ~ F5.9(T)
Focal Length			f= 4.24~53.0mm
35mm-Film Equivalent			Approx. 24 ~ 300mm
Zoom Ratio			12.5X optical zoom, 18.8X Single Frame SR Zoom, 25.0X Multi Frame SR Zoom (10M), 4X digital zoom, 199.3X maximum digital zoom (in combination with HD Zoom, VGA size)
Focus			Contrast Detection Auto Focus
Focus Type			
Focus Mode			Auto Focus, Macro, Super Macro, Infinity Mode, Manual Focus
AF Area			Intelligent, Spot, Multi, Tracking
AF Assist Lamp			Yes
Focus Range ²			Approx. 5 cm ~Infinity (W)
(From Lens Surface)			
Auto Focus			
Macro			Approx. 1cm ~ 50 cm (Fifth step from widest setting)
Super Macro			Approx. 1 cm ~ 50cm
Infinity Mode			Infinity
Manual Focus			Approx. 5 cm ~ Infinity (W)
Exposure			Multi pattern, Center Weighted, Spot by CMOS
Exposure Metering			
Exposure Control			Program AE, Aperture Priority AE, Shutter Speed Priority AE, Manual Exposure
Exposure Compensation			-2EV to +2EV (in 1/3EV steps)
Shutter			CMOS electronic shutter, mechanical shutter
Shutter Speed ³			Auto 1 ~ 1/2000 second
Aperture Priority AE			1 ~ 1/2000 second
Shutter Speed Priority AE			15 ~ 1/2000 second (high-speed continuous shutter: up to 1/40000 second)
Manual Exposure			15 ~ 1/2000 second (high-speed continuous shutter: up to 1/40000 second)
Aperture ²			F3.0 (W) ~ F7.9 (W) ⁴
White Balance			Auto WB, Daylight, Overcast, Shade, Day White Fluorescent, Daylight Fluorescent, Tungsten, Manual WB
ISO Sensitivity (SOS ⁵)			Auto/100/200/400/800/1600/3200
Still Images			
Movies			Auto
Other Functions			CMOS-shift image stabilization, HDR, HDR ART, BEST SHOT, Premium Auto, Still In Movie, Dynamic Photo(Play mode only), Slide Panorama
Self-Timer			10 seconds, 2 seconds, Triple Self-timer
Built-in Flash			Auto, Flash off, Flash on, Red eye reduction
Flash Mode			
Flash Range			It has not yet been fixed
Monitor			3.0-inch TFT color LCD (Super Clear LCD), 460,800 dots (960 x 480)
Timekeeping Function			Recorded with image data
Date and Time			
On-image Time Stamp Function			Yes
Auto Calendar			To 2049
World Time			162 cities in 32 time zones, City name, date, time, summer time
External connection terminal			USB port (Hi-Speed USB compatible) / AV output terminal(NTSC/PAL), HDMI ^{11M6} output(Mini) ⁷
Microphone			Stereo
Speaker			Monaural
Power Requirement			Rechargeable lithium ion battery (NP-130)
Battery Life			It has not yet been fixed
Dimensions			104.8 x 59.1 x 28.6 mm (24.2mm thickness excluding protruding parts)
W x H x D (CIPA Standards)			
Weight (CIPA Standards)			Approx. 205 g (Including Battery and Memory Card ¹¹) / Approx. 165 g (Excluding Battery and Memory Card)
Bundled Accessories			Rechargeable Lithium Ion Battery (NP-130), Lithium Ion Battery Charger (BC-130L), AC Power Cord, USB Cable, AV Cable, Strap, CD-ROM

- 1 When using Panasonic Pro High Speed 1GB SD Memory Card.
- 2 Range is affected by optical zoom.
- 3 May differ according to camera settings.
- 4 ND filter is being used.
- 5 SOS: Standard Output Sensitivity
- 6 HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
- 7 1080/50i output is not supported for PAL output using an HDMI™.

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