

EX-ZR200 Specifications

| EX-ZR200  |  |  |  |
|---|--|--|--|
| Number of Effective Pixels                      |  | 16.1 megapixels (/million)   |  |
| Image Sensor                                    | 1/2.3-inch high-speed CMOS                     |  |  |
|   | Total Pixels                                   | 16.79 megapixels (/million)  |  |
| File Format                                     | Still Images                                   | JPEG (Exif Ver.2.3, DCF 2.0, DPOF)   |  |
|   | Movies   | MOV format, H.264/AVC, IMA-ADPCM (stereo)  |  |
| Built-in Flash Memory (Image Area)*1            |  | 52.2MB   |  |
| Recording Media                                 |  | SD Memory Card*2, SDHC Memory Card, SDXC Memory Card compatible  |  |
| Number of Recorded Pixels                       | Still Images                                   | 16M (4608 x 3456), 3:2 (4608 x 3072), 16:9 (4608 x 2592), 10M (3648 x 2736), 5M (2560 x 1920), 3M (2048 x 1536), VGA (640 x 480)   |  |
|   | Movies   | FHD:1920x1080 (30fps) / HD*3:1280x720 (15fps) / STD: 640x480 (30fps) / HS 1000 (224x64 1000fps) / HS 480 : 224x160 (480fps) / HS 240 : 512x384(240fps) / HS 120 : 640x480 (120fps) / HS 30-240 : 512x384 (30 to 240fps) / HS 30-120 : 640x480 (30 to 120fps) |  |
| Recording Capacity (Maximum Image Size Setting) | Still Images (JPEG)                            | SD Memory Card 16GB*2  | Fine: Approx. 1072 shots<br>Normal: Approx. 1654 shots                       |
|   |  | Movies   | Recording Time   |
|   | Movies   | SD Memory Card 16GB*2  | Approx. 35 minutes 59 sec. (FHD)   |
| Continuous Shooting Speed                       |  | 30 frames per second / 15 frames per second / 10 frames per second / 5 frames per second / 3 frames per second (Image is fixed at 16M pixels)  |  |
| Lens  | Construction                                   |  | 9 lenses in 8 groups, including aspherical lens                              |
|   | F-number                                       |  | F3.0 (W) to F5.9 (T)   |
|   | Focal Length                                   | 35mm Film Equivalent   | f= 4.24 to 53.0mm<br>Approx. 24 to 300mm                                     |
| Zoom Ratio                                      |  | 12.5 x optical zoom, 18.8x Single Frame SR Zoom, 25.0x Multi Frame SR Zoom, 4x digital zoom, 199.3x maximum digital zoom (in combination with HD zoom, VGA size)   |  |
| Focusing  | Focus Type                                     |  | Contrast Detection Auto Focus  |
|   | Focus Modes                                    |  | Auto Focus, Macro, Super Macro Mode, Infinity, Manual Focus                  |
|   | AF Area  |  | Intelligent, Spot, Multi, Tracking   |
|   | AF assist lamp                                 |  | Yes  |
| Focus Range*5 (From Lens Surface)               | Auto Focus                                     |  | Approx. 5cm to infinity (W)  |
|   | Macro  |  | Approx. 1cm to 50cm (Fifth step from Widest Setting)                         |
|   | Super Macro                                    |  | Approx. 1cm to 50cm  |
|   | Infinity                                       |  | Infinity   |
|   | Manual Focus                                   |  | Approx. 5cm to infinity (W)  |
| Exposure  | Exposure Metering                              |  | Multi pattern, Center Weighted, Spot by imaging element                      |
|   | 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 and mechanical shutter |  |  |
|   | Shutter Speed*6                                | Auto   | 1 to 1/2000 second   |
| Premium Auto                                    |  | 15 to 1/2000 second  |  |
| Aperture*7                                      |  | F3.0 (W) to F7.9 (W) *8  |  |
| White Balance                                   |  | Auto WB, Daylight, Overcast, Shade, Day White FL, Daylight FL, Tungsten, Manual WB   |  |
| Sensitivity (SOS)*9                             | Still Images                                   |  | Auto, ISO80, ISO100, ISO200, ISO400, ISO800, ISO1600, ISO3200                |
|   | Movies   |  | Auto   |
| Self-Timer                                      |  | 10 seconds, 2 seconds, Triple Self-timer   |  |
| Built-in Flash                                  | Flash Modes                                    |  | Auto, Flash off, Flash on, Red eye reduction                                 |
|   | Flash Range*10 (ISO Sensitivity : Auto)        |  | Normal : Approx. 0.4 to 4.7m (W), approx. 0.9 to 2.4m (T)                    |
|   | Flash Lighting Adjustment                      |  | +2,+1,0,-1,-2  |
|   | Flash Charge Time                              |  | Approximately 5 seconds  |

|                              |  | EX-ZR200  |
|------------------------------|--|---|
| Recording Functions          | Snapshot (Auto mode/ Premium AUTO PRO mode), Super resolution technology, High Speed Continuous shooting, Prerecord(still image), Self-timer, BEST SHOT, Face Detection, High Speed Movie(with sound only when 30fps of HS30-120 and HS30-240), FHD Movie, STD Movie, HDR-ART Movie, Prerecord(movie), YouTube™ Capture Mode, CMOS shift stabilization, Wind noise cut, Blurred Background, HDR, HDR-ART, Slide Panorama, Wide Shot, |   |
| Playback Functions           | Playback Zoom, Multi-image Screen, Start-up Images, Protect, Date&time Edit, Rotate, Re-size, Trimming, Copy, BGM Slideshow, Brightness, White Balance, MOTION PRINT, Movie Editing, Continuous Shooting Multi Print, Continuous Shooting Frame Edit(DPOF Printing, Protect, Copy, Delete), Divide Group(Dividing Up a Continuous Shutter Group), DYNAMIC PHOTO  |   |
| Other Functions              | PictBridge, Video Output(NTSC/PAL), Auto Rotate, Create Folder, USB charge   |   |
| Monitor Screen               | 3.0-inch TFT color LCD (Super Clear LCD), 460,800 dots (960 x 480)   |   |
| Timekeeping Functions        | Date and Time  | Recorded with image data  |
|                              | With Time Stamp Function   | Yes   |
|                              | Auto Calendar  | To 2049   |
|                              | World Time   | 162 cities in 32 time zones, City name, date, time, daylight saving time              |
| External connection terminal | USB port (Hi-Speed USB compliance, USB charging) / AV output terminal(NTSC/PAL), HDMI™*11 output(Mini)*12  |   |
| Microphone                   | Stereo   |   |
| Speaker                      | Monaural   |   |
| Power Requirements           | Rechargeable lithium ion battery (NP-130) x 1  |   |
| Battery Life                 | Number of Shots (CIPA Standards)   | Approx. 480 shots   |
|                              | Continuous Playback (Still Images)   | Approx. 5 hours 40 minutes  |
|                              | Continuous Movie Recording Time(FHD movie)   | Approx. 2 hours 25 minutes  |
| Dimensions                   | W×H×D (CIPA Standards)   | 104.8 (W) x 59.1 (H) x 28.6 (D) mm (excluding projections ; 24.2mm at thinnest point) |
| Weight (CIPA Standards)      | Approximately 205g (Including Battery and Memory Card*2) -<br>Approximately 165g (Excluding Battery and Memory Card)   |   |
| Bundled Accessories          | Rechargeable Lithium Ion Battery (NP-130), USB-AC Adaptor (AD-C53U), AC Power Cord, USB cable,   |   |

- 1 Built-in memory capacity after formatting.
- 2 When using SanDisk Corporation 16GB SDHC Memory Card.
- 3 HD movie is only for HDR-ART mode.
- 4 Within limits of memory and battery life.
- 5 Using optical zoom causes the focus range to change.
- 6 Depending on user's setting of Camera.
- 7 Using optical zoom causes the aperture to change.
- 8 ND filter is being used.
- 9 SOS: Standard Output Sensitivity.
- 10 Range is affected by optical zoom.
- 11 HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
- 12 1080/50i output is not supported for PAL output using an HDMI™.

EXILIM and BEST SHOT are registered trademarks or trademarks of Casio Computer Co., LTD. Any other company or product names are registered trademarks or trademarks of those companies.