

CASIO EX-F1



Technical Specifications

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| Recording Capacity | Still Images (JPEG): Built-in Flash Memory: Approx. 9 Shots (Fine) / 17 shots (Normal) /25 shots (Economy) Still Images (JPEG): SD Memory Card 1GB: Approx. 277 shots (Fine) / 511 Shots (Normal) / 743 Shots (Economy) Recording Time: Maximum Recording Capacity per File: 4GB Built-in Flash Memory: Approx. 18 seconds/ Approx. 14 seconds SD Memory Card 1GB: Approx. 9 minutes 11 seconds / Approx. 7 minutes 18 seconds |
| Recording Element | (6.6 million total pixels; 6.0 million effective pixels) 1/1.8 inch high speed CMOS |
| Recording Format | Still Image: RAW (DNG), JPEG (Exif. Ver. 2.2), DCF standard; DPOF compliant Movies: H.264/AVC, MOV format, IMA-ADPCM (stereo) |
| Recording Medium | Card slot for SD / SDHC / MMC / MMCplus Built-in internal flash memory (approx. 31.9MB image area) |
| Image Resolution | RAW, 2816 x 2112, 2816 x 1872 (3:2), 2816 x 1584 (16:9), 2304 x 1728, 2048 x 1536, 1600 x 1200, 640 x 480 STD Movies: 640 x 480 (30 fps) HD Movies: 1920 x 1080 (FHD, 60 fields per second), 1280 x 720 (HD, 30 fps) Hi-Speed Movies (HS): 512 x 384 (300 fps, 30-300fps), 432 x 192 (600 fps), 336 x 96 (1200 fps) |
| Operating Speed | Flash Continuous Shutter: Maximum is 7 frames per second (up to 20 images) High-speed Continuous Shutter: Maximum is 60 frames per second Normal Speed Continuous Shutter: Maximum is 3 frames per second Shot to Shot Time: Approx. 0.8 second Shutter Release Time Lag: Approx. 0.01 second |
| Image Deletion | One image, all images |
| Lens | 12 lenses in 9 groups, incl. aspherical lens F2.7 (W) to 4.6 (T) f=7.3 to 87.6mm (equivalent to approx. 36 to 432mm in 35mm format) |
| Zoom | 12x optical zoom, 4x digital (48x in combination) |
| Focus Mode | auto focus, macro mode, infinity mode, manual focus Contrast Detection Auto Focus AF Assist Lamp AF Area: Spot, Free or Tracking |
| Focus Range | Auto Focus: approx. 40cm to infinity Macro: 5cm to 50 cm Infinity Mode Manual Focus: Approx. 5cm to infinity |
| Exposure Metering | Multi-pattern, centre weighted, spot by imaging element |
| Exposure Control | Program AE, Aperture Priority AE, Shutter Speed Priority AE, Manual Exposure |

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| Exposure Compensation | -2EV to +2EV (in 1/3EV steps) |
| Shutter | CMOS electronic shutter, mechanical shutter |
| Shutter Speed | Auto: 1 to 1/2000 second Aperture priority AE: 1 to 1/2000 sec. Manual Exposure: 60 to 1/40000 second Shutter Speed Priority AE: 60 to 1/40000 second |
| Aperture | F2.7 (W) to F15 (W), ND Filter, auto switching Aperture Priority AE/Manual Exposure: F2.7 (W) to F7.5 (W) |
| White Balance | Auto WB, Daylight, Overcast, Shade, Day white FL, Daylight FL, Tungsten, Manual WB |
| Sensitivity | Still Images: Auto, ISO 100, ISO 200, ISO 400, ISO 800, ISO 1600 Movies: Auto, (Hi-Speed Movie when Manual Exposure Mode: ISO 100, ISO 200, ISO 400, ISO 800, ISO 1600) |
| Recording Mode | Face Recognition YouTube Capture Mode BestShot Auto Bracketing: AE, WB, Focus Slow Motion View: 2 seconds by 30fps Prerecord still images: Maximum speed: 60fps, Maximum recording capacity: 60 images |
| Self-Timer | 10 seconds or 2 seconds, Triple Self-Timer |
| Flash System | Auto, Flash On, Flash Off, Soft Flash, Red Eye Reduction, External Flash |
| Approx. Flash Range | Approx. 0.5 to 6.7m (W), approx. 1.1 to 3.9m (T) |
| Viewfinder | Electronic View Finder: 0.2 - inch, Equal to 201,600 dots |
| Monitor | 2.8 - inch wide TFT colour LCD (Super Clear LCD), 230,160 dots (959 x 240) |
| Timekeeping | Date and time recorded with image data; auto calendar up to 2049 On-image Time Stamp Function: Included |
| Input/Output Terminals | USB/AV port HDMI output (mini) hot shoe external microphone jack AC adaptor connection (DC-IN) Built-in microphone (stereo) Built-in speaker (mono) |
| USB | Hi-Speed USB |
| Power Requirements | Rechargeable lithium ion battery (NP-100) x 1, AC adaptor |
| Battery | Number of Shots: Approx. 520 still images (CIPA Standards) Continuous Playback: Approx. 8 hr (still images) |
| Dimensions | 127.7 (W) x 79.6 (H) x 130.1 (D) mm |
| Weight | Approx. 671g |
| Bundled Accessories | AC power cord AV cable Wrist strap Lens cap Lens hood USB cable CD-ROM remote shutter release lithium ion battery charger Rechargeable lithium ion battery |