

ZV-1F

Vlog camera ZV-1F

Designed as your first vlogging camera

As your first vlogging camera, the ZV-1F comes with a selfie-friendly vari-angle LCD screen. A directional 3-capsule mic with wind screen picks up your voice clearly outdoors, and the Bokeh Switch and Product Showcase Setting give you pro-level footage at the touch of a button.

- Designed as your first vlogging camera
- Ultra-wide-angle 20 mm prime lens and vari-angle LCD, ideal for group selfies
- Directional 3-Capsule Mic and supplied wind screen



Specifications

<p>Sensor</p> <p>Sensor Type 1.0-type (13.2 mm x 8.8 mm) Exmor RS CMOS sensor, aspect ratio 3:2</p> <p>Number of Pixels (Effective) Approx. 20.1 Megapixels</p>	<p>Lens</p> <p>Lens type ZEISS Tessar T* Lens, 6 elements in 6 groups</p> <p>F-number (Maximum Aperture) F2.0</p> <p>ND Filter -</p> <p>Focal length (f=) f=7.6 mm</p> <p>ANGLE OF VIEW (35MM FORMAT EQUIVALENT) 94°[20 mm]</p> <p>Focus Range (From the Front of the Lens) Approx. 5 cm (0.17 ft) to Infinity</p> <p>Optical Zoom -</p> <p>Clear Image Zoom (Still Image) 20M Approx. 2x / 10M Approx. 2.8x / 5.0M Approx. 4x</p> <p>Clear Image Zoom (Movie) 4K: 1.5x HD: Approx. 2x</p> <p>Digital Zoom (Still Image) 20M Approx. 4x / 10M Approx. 5.6x / 5.0M Approx. 8x</p> <p>Digital Zoom (Movie) Approx. 4x</p> <p>Filter Diameter φ40.5</p>
<p>Screen</p> <p>Screen Type 7.5 cm(3.0type)(4:3) / 921,600 dots / Xtra Fine / TFT LCD</p> <p>Adjustable Angle Opening Angle: approx. 176 deg., Rotation Angle: approx. 270 deg.</p> <p>MF Assist Magnification 1.6x, 4.0x</p> <p>Touch Panel Yes</p>	<p>Viewfinder</p> <p>Screen Type/Number of Dots -</p>
<p>Camera</p> <p>Image Processing Engine Yes (BIONZ X)</p> <p>STEADYSHOT (STILL IMAGE) Electronic</p> <p>Focus Type Contrast-detection AF</p> <p>Focus Mode Single-shot AF, Continuous AF, Manual Focus</p> <p>Focus Area Wide (425 points (contrast-detection AF)), Zone, Center, Flexible Spot</p> <p>OBJECT TRACKING Yes (Tracking)</p> <p>EYE AF [Still images] Human (Right/Left Eye Select) / Animal; [Movie] Human</p> <p>Light Metering Mode Multi Pattern, Center Weighted, Spot, Entire Screen Avg, Highlight</p> <p>Exposure Compensation +/- 3.0EV, 1/3EV step</p> <p>ISO Sensitivity (Still Image) Auto (ISO125-6400), 125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/2500/3200/4000/5000/6400/8000/10000/12800 (Extendable to ISO80/100)</p> <p>Exposure Index</p> <p>ISO Sensitivity (Movie) Auto:(ISO125Level-ISO6400Level), 125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/2500/3200/4000/5000/6400/8000/10000/12800</p> <p>White Balance Modes Auto, Daylight, Shade, Cloudy, Incandescent, Fluor.: Warm White, Fluor.: Cool White, Fluor.: Day White, Fluor.: Daylight, Underwater Auto, C.Temp./Filter, Custom</p> <p>WB Micro Adjustment Yes (G7 to M7, 57-step) (A7 to B7, 29-step)</p> <p>Electronic Shutter Program Auto (1/4" - 1/32000) / Manual (1/4" - 1/32000) / Aperture Priority (1/4" - 1/32000) / Shutter Priority (1/4" - 1/32000)</p> <p>Aperture Program Auto (F2/F8) / Manual (F2/F8) / Shutter Priority (F2/F8) / Aperture Priority (F2/F8)</p> <p>Image Control Contrast, Saturation, Sharpness, Creative look, Color Space, Quality (JPEG (Extra fine, Fine, Standard))</p> <p>Noise Reduction high ISO NR: Normal/Low/Off</p> <p>Dynamic Range Functions Off, Dynamic Range Optimizer (Auto/Level 1-5)</p> <p>Shooting Mode Auto (Intelligent Auto), Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure, Movie Mode (Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure, Movie Auto (Intelligent Auto)), S&Q Mode (Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure, S&Q Auto (Intelligent Auto))</p> <p>Continuous Shooting Speed (with max. recording pixels) Speed Priority Continuous Shooting: approx. 16 fps, Continuous Shooting: approx. 3.5 fps</p> <p>Self-Timer 10 sec. / 5 sec. / 2 sec. / self timer(movie)</p> <p>Drive Modes Single, Continuous shooting, Self-timer</p> <p>INTERVAL REC Yes (1-60 sec. interval, 1-9999 shots, AE lock/AE tracking(High/Mid/Low))</p> <p>Panorama (Shooting) -</p> <p>Picture Profile off/PP1-PP10(Black Level, Gamma(Movie, Still, Cine 1-2, ITU709, ITU709 [800%], S-Log2, S-Log3, HLG, HLG1, HLG2, HLG3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset)</p>	<p>Flash</p> <p>Flash Type -</p> <p>Bracketing -</p> <p>External Flash Mode -</p>
<p>Recording</p>	<p>Interface</p>

<p>Compatible Recording Media [XAVC S(100Mbps)] SDXC/SDHC Memory Card (UHS-I U3 or higher); [XAVC S(60Mbps/50Mbps)] SDXC/SDHC Memory Card (Class 10 or higher); [Still image] Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO-HG Duo, Memory Stick Micro, Memory Stick Micro(Mark2), SDXC/SDHC/SD Memory Card (Class 4 or higher), micro SDXC/SDHC/SD Memory Card (Class 4 or higher)</p> <p>Recording Format [Still Image] : JPEG(DCF Ver.2.0,Exif Ver.2.32,MPF Baseline compliant), [Movie]: XAVC S XAVC S:LPCM 2ch</p> <p>Recording Format (Movie Audio)</p> <p>Colour Space (Still) sRGB, Adobe RGB</p> <p>DCF/DPOF DCF/EXIF/MPF</p> <p>Still Image Number of recorded pixels (Image Size) 3:2mode:20M(5,472×3,648) / 10M(3,888×2,592) / 5M(2,736×1,824),4:3mode:18M(4,864×3,648) / 10M(3,648×2,736) / 5M(2,592×1,944) /16:9mode:17M(5,472×3,080) / 7.5M(3,648×2,056) / 4.2M(2,720×1,528),1:1mode:13M(3,648×3,648) / 6.5M(2,544×2,544) / 3.7M(1,920×1,920)</p> <p>Movie Recording Mode (NTSC) NTSC/PAL Selector: [NTSC] XAVC S 4K: 30p 100M(3,840x2,160/30p) / 30p 60M(3,840x2,160/30p) / 24p 100M(3,840x2,160/24p) / 24p 60M(3,840x2,160/24p), XAVC S HD:60p 50M(1,920x1,080/60p) / 60p 25M(1,920x1,080/60p) / 30p 50M(1,920x1,080/30p) / 30p 16M(1,920x1,080/30p) / 24p 50M(1,920x1,080/24p) / 120p 100M(1,920x1,080/120p) / 120p 60M(1,920x1,080/120p)</p> <p>Movie Recording Mode (PAL) NTSC/PAL Selector: [PAL] mode XAVC S 4K: 25p 100M(3,840x2,160/25p) / 25p 60M(3,840x2,160/25p), XAVC S HD:50p 50M(1,920x1,080/50p) / 50p 25M(1,920x1,080/50p) / 25p 50M(1,920x1,080/25p) / 25p 16M(1,920x1,080/25p) / 100p 100M(1,920x1,080/100p) / 100p 60M(1,920x1,080/100p),</p> <p>Still Image Number of recorded pixels (Image Size) during Movie XAVC S 4K : 8.3M (3840×2160) XAVC S HD : 2.1M (1920×1080)</p> <p>Proxy Recording Yes (1280 x 720 (Approx.9Mbps))</p>	<p>Input and Output Terminals USB Terminal Type-C (USB2.0), Micro HDMI, Microphone jack (3.5 mm Stereo mini jack)</p> <p>NFC -</p> <p>Wi-Fi Yes (IEEE802.11b/g/n(2.4GHz band))</p> <p>Interfaces -</p> <p>Bluetooth Yes (Bluetooth Standard Ver. 4.1 (2.4GHz band))</p>
<p>Power</p> <p>Power Source DC3.6V(supplied battery)</p> <p>Battery System Rechargeable battery pack NP-BX1</p> <p>Power Consumption (Camera Mode) Approx. 1.5W with LCD monitor (CIPA standard)</p> <p>USB Charge/USB Power Supply Yes (Shooting, Playback)</p> <p>BATTERY LIFE(STILL IMAGES) (CIPA) Monitor:Approx. 360 / Approx. 180 min., Monitor (When Auto Monitor off is set to 2 sec):Approx. 540 / Approx. 270 min.,</p> <p>BATTERY LIFE(MOVIES ACTUAL SHOOTING)(CIPA) Monitor:Approx. 60 min.</p> <p>BATTERY LIFE(MOVIES CONTINUOUS SHOOTING) (CIPA) Monitor:Approx. 90 min.</p>	<p>Others</p> <p>Playmemories Camera Apps Shooting Functions - Shot Mark, Soft Skin Effect, Product Showcase Set, Background Defocus, Step Zoom, Face Detection, Face Registration, Grid Line, Digital Level Gauge (pitch and roll), Peaking (Display: Off/On) (Level: High/Mid/Low) (Color: Red/Yellow/Blue/White), Zebra, Marker Display, Audio Rec Level, Audio Level Display, PC Remote Control, Gamma Disp. Assist, Set File Name, Touch Shutter/Touch Focus/Touch Tracking, My Menu</p> <p>Playback Functions BRAVIA Sync(Control for HDMI), 9/25-frame index view, Auto Orientation, Slide Show, Forward/Rewind (Movie), Delete Protect, Photo Capture, Rating, Auto-matic Image Rotation,</p> <p>TRILUMINOS Color Yes</p> <p>4K image output Yes</p> <p>Operating Temperature 0 degrees C. - +40 degrees C. / 32 degrees F. - 104 degrees F.</p>
<p>Print</p> <p>Print Exif Print, PRINT Image Matching (PIM3)</p>	<p>Size & Weight</p> <p>DIMENSIONS (W X H X D) (APPROX.) 105.5 x 60.0 x 46.4 mm (4 1/4 in. x 2 3/8 in. x 1 7/8 in.)</p> <p>WEIGHT (CIPA COMPLIANT) Approx. 256 g (9.1 oz.)(Battery and Memory Card are included) / Approx. 229 g (8.1 oz.)(Body Only)</p>