

Clifton Cameras Product Specification

Sony ZV-1 II

Specifications

General

Camera type: Digital camera

Lens

F-number (Maximum aperture): F1.8 - F4.0

Focal length (f =): f = 6.9 - 17.6 mm

Focal length (35mm format equivalent): 18 - 50 mm

Focus range (from the front of the lens): Approx. 5 cm (0.17 ft.) to infinity

Camera section

Type: 1.0-type (13.2 mm x 8.8 mm) Exmor RS CMOS sensor

Number of pixels (effective)*1: Still images: Approx. 20.1 megapixels

Movies: Approx. 16.8 megapixels max.*2

Number of pixels (total): Approx. 21.0 megapixels

Built-in ND filter: ND (1/8 ND)

Color temperature range: 2500 K - 9900 K

Recording system (still image)

Recording Format(Still Image): JPEG (DCF Ver. 2.0, Exif Ver. 2.32, MPF Baseline compliant), RAW (Sony ARW 4.0 format)

Image size (pixels) [3:2]: 1.0-type L: 5472 x 3648 (20 M), M: 3888 x 2592 (10 M), S: 2736 x 1824 (5.0 M)

Image quality modes: RAW; RAW+JPEG; JPEG

Recording system (movie)

Video compression: XAVC S: MPEG-4 AVC/H.264

Audio recording format: LPCM 2ch (48 kHz 16 bit)

Movie recording format (XAVC S 4K)

3840 x 2160 (4:2:0, 8bit) (Approx.): 29.97p (100Mbps / 60Mbps)



3840 x 2160 (4:2:0, 8bit) (Approx.):	25p (100Mbps / 60Mbps)
3840 x 2160 (4:2:0, 8bit) (Approx.):	23.98p (100Mbps / 60Mbps)
1920 x 1080 (4:2:0, 8bit) (Approx.):	119.88p (100Mbps / 60Mbps)
1920 x 1080 (4:2:0, 8bit) (Approx.):	59.94p (50Mbps / 25Mbps)
1920 x 1080 (4:2:0, 8bit) (Approx.):	29.97p (50Mbps / 16Mbps)
1920 x 1080 (4:2:0, 8bit) (Approx.):	23.98p (50Mbps)
1920 x 1080 (4:2:0, 8bit) (Approx.):	100p (100 Mbps / 60 Mbps)
1920 x 1080 (4:2:0, 8bit) (Approx.):	50p (50 Mbps / 25 Mbps)
1920 x 1080 (4:2:0, 8bit) (Approx.):	25p (50 Mbps / 16 Mbps)

Movie function

Slow & Quick Motion (S&Q):	Yes
Proxy recording:	Yes
TC/UB:	Yes

Recording system

Memory card slot:	Multi slot for Memory Stick Duo/SD memory card
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Focus system

Focusing type:	Fast Hybrid AF (phase-detection AF / contrast-detection AF)
Focus point:	Still images: Max. 315 points (phase-detection AF) Movies: Max. 273 points (phase-detection AF)
Recognition target (Still images):	Human; Animal
Recognition target (Movies):	Human; Animal
Other features:	AF Subj. Shift Sensitivity (Movie) AF Transition Speed (Movie) Circ. of Focus Point
AF illuminator:	-

Exposure control

Metering type:	1200-zone evaluative metering
Metering sensitivity:	EV0 to EV24 (ISO100 equivalent)
Exposure compensation:	+/- 3.0EV (1/3 EV steps)



ISO sensitivity: Still images: ISO 125 - 12800 (expandable to ISO 80 - 12800),
AUTO (ISO 125 - 12800, selectable lower limit and upper limit)

selectable lower limit and upper limit) Movies: ISO 125 - 12800 equivalent, AUTO (ISO 125 - 12800,

Anti-flicker shoot: -

Viewfinder

Type: -

LCD screen

Type: 7.5 cm (3.0-type) type TFT

Touch panel: Yes

Number of dots (total): 921 600 dots

Adjustable angle: Opening Angle: Approx. 176 °, Rotation Angle: Approx. 270 °

Other features

Other features: Product Showcase Set; Background Defocus; Soft Skin Effect;
Creative Look; Custom function; Picture Profile; Cinematic Vlog Setting; My Image Style

Clear Image Zoom

Still images: Approx. 2x

Movies: Approx. 1.5x (4K), Approx. 2x (HD)

Shutter

Shutter type: Electronic shutter

Shutter speed: Still images: 1/32000 to 1/4 s

Movies: 1/12800 to 1 s

Flash sync. speed*3: 1/100 s

Image stabilization

Type: Electronic

Mode: Movie: Active / Off

Flash

Type: -

Control: Pre-flash TTL

Flash compensation: +/- 3.0EV (1/3 EV steps)

External flash: Sony α System Flash compatible with Multi Interface Shoe



Drive

Continuous drive speed (approx., max.)*4:	Hi: 24 fps
No. of frame recordable* (approx.)*4:	JPEG Extra fine L: 170 frames
	JPEG Fine L: 188 frames
	JPEG Standard L: 189 frames
	RAW: 80 frames
	RAW & JPG: 78 frames

Playback

Modes: Divider Frame; Photo Capture	Enlarged display mode; Protect; Rating; Shot Mark (Movie);
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Accessibility

Functions: Recognition in AF; Touch Focus; Touch Tracking; Touch Shutter; Touch AE; Vari-angle LCD screen; Custom function	Screen Reader; Focus Magnifier; Peaking Display; Subject
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Interface

PC interface:	Mass-storage / MTP
USB Type-C® terminal:	Yes (Hi-Speed USB 480 Mbps (USB 2.0) compatible)
Wireless LAN (built-in):	Yes (Wi-Fi Compatible, IEEE 802.11b/g/n (2.4 GHz band))*5
Bluetooth:	Yes (Bluetooth Standard Ver. 4.2 (2.4 GHz band))
HDMI output:	HDMI micro connector (Type-D)
	3840 x 2160 (30p / 25p / 24p) / 1920 x 1080 (60p / 50p / 24p) / 1920 x 1080 (60i / 50i), YCbCr 4:2:2 8bit / RGB 8bit
Multi Interface Shoe:	Yes
Mic terminal:	Yes (3.5 mm Stereo minijack)
Remote control (wireless):	Yes (Bluetooth remote control)
Functions: Remote	View on Smartphone; Remote control via Smartphone; PC

USB streaming

Video data format:	MJPEG
Video resolution:	1280 x 720 (30p)
Audio data format:	LPCM 2ch (16bit 48 kHz)

Audio



Microphone:	Built-in, stereo
Speaker:	Built-in, monaural
Power	
Battery:	Rechargeable Battery Pack NP-BX1
Still Images*6:	Approx. 290 shots (LCD monitor) (CIPA standard)
Movies (actual shooting)*7:	Approx. 45 min (LCD monitor) (CIPA standard)
Movies (continuous shooting):	Approx. 75 min (LCD monitor) (CIPA standard)
Internal battery charge:	Yes
USB power supply:	Yes

Power consumption

With LCD screen:	Still images: Approx. 1.9 W
	Movies: Approx. 3.6 W

Weight

With battery and memory card:	Approx. 292 g
Body only:	Approx. 266 g

Dimensions

Dimensions (W x H x D):	Approx. 105.5 x 60.0 x 46.7 mm
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Operating temperature

Operating Temperature:	#0 - 40 °C / 32 - 104 °F
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Supplied Accessories

Supplied Accessories:	Rechargeable Battery Pack NP-BX1
	Wind Screen
	Wind Screen Adaptor

Notes

*1 Number of effective pixels varies depending on camera settings.

*2 When "SteadyShot" is set to "Standard" or "Off".

*3 With compatible Sony external flash

*4 Varies according to shooting conditions or memory card used

*5 (Configuration method/Access method) WPS or manually /infrastructure mode. When connecting to smartphones, the camera can always work as a base without a wireless access point. (Security: WEP/WPA-PSK/WPA2-PSK)



*6 The LCD screen is turned on, shooting once every 30 seconds, the zoom is switched alternately between the W and T ends the flash strobes once every two times, the power turns on and off once every ten times.

*7 Indication recording time, which is defined by repeating the cycle: Power on, start recording, zoom, stand-by, power off.