

SONY

ILCE-6000/B

Mirrorless DSLR camera



Specifications

Camera	
Lens Compatibility	Sony E-mount, (Sony A-mount, Minolta/Konica Minolta Maxxum lenses confirmed via optional LA-EA adaptor)
Lens Mount	Sony E-mount
Camera Type	Mirrorless DSLR
Imaging Sensor	
Imaging Sensor	Exmor™ APS HD CMOS sensor (23.5 X 15.6mm)
Processor	BIONZ X™ image processor
Anti Dust	Charge protection coating on Optical Filter and ultrasonic vibration mechanism
Pixel Gross	Approx. 24.7 megapixels
Effective Picture Resolution	Approx. 24.3 megapixels
Focal Length Conversion Factor	1.5x
Color Filter System	RGB primary color
Recording	
Media Type	SD, SDHC and SDXC memory card Memory Stick PRO Duo™/Pro-HG Duo™ media
Color Space	Still: sRGB standard (with sYCC gamut), Adobe RGB Movie: xvYCC standard (x.v.Color™ when connected via HDMI cable) Compatible with TRILUMINOS™ color
Still Image Mode	RAW, RAW JPEG, JPEG Fine, JPEG Standard
Still Image Max Effective Resolution	24.3M pixels (approx.)
Still Image Size 16:9	L: 6000 x 3376 (20M) M: 4240 x 2400 (10M) S: 3008 x 1688 (5.1M)
Still Image Size 3:2	L: 6000 x 4000 (24M) M: 4240 x 2832 (12M) S: 3008 x 2000 (6.0M)
Panorama Still Image Size	Wide: Horizontal 23M (12,416 x 1,856), Wide: Vertical 12M (5,536 x 2,160), Standard: Horizontal 15M (8,192 x 1,856), Standard: Vertical 8.4M (3,872 x 2,160)
Video Format	AVCHD Ver. 2.0 / MP4 (MPEG-4 AVC (H.264))
Video Mode	AVCHD: PS - 1920x1080/60p @28Mbps FX - 1920x1080/60i @24Mbps FH - 1920x1080/60i @17Mbps FX - 1920x1080/24p @24Mbps FH - 1920x1080/24p @17Mbps MP4: HD - 1440x1080/30fps @12Mbps, VGA - 640x480/30fps @3Mbps
Audio Format	Dolby Digital (AC-3) / MP4: MPEG-4 AAC-LC, 2ch
Still Image File Format	JPEG (DCF Ver. 2.0, Exif Ver.2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format)
Viewfinder	
Type	0.39" (1.0 cm) OLED electronic viewfinder (color), 1,440,000 dots

Diopter Adjustment	-4.0 to +3.0m ⁻¹
Field of View	100% (approx. 33° viewing angle)
Magnification	Approx. 1.07x (35mm camera equivalent: Approx. 0.70x) with 50mm lens at infinity, -1m-1 diopter
LCD Display	
LCD Type	3.0" TFT LCD (921,600 dots)
Angle Adjustment	Tilt up by approx. 90 degrees, down by approx. 45 degrees
Brightness Control	Auto, Manual (5 steps between -2 and +2), Sunny Weather mode
Coverage	100%
Live View	Continuous Live View
Real-time image adjustment display	Yes (On/Off)
Histogram	Yes (On/Off)
Peaking	Yes (Level setting: High/Mid/Low/Off, Color: White/Red/Yellow)
Grid Display	Yes (Rule of Thirds, Square 4x6, Diagonal Square 4x4, Off)
Customization	Graphic Display, Display All Info, No Disp. Info, Histogram, For viewfinder
Zebra	Yes (levels 70, ,75, 80, 85, 90, 95, 10, 100+, off)
Focus Control	
Focus System	Fast Hybrid AF(phase-detection AF/contrast-detection AF)
Focus Points	179 points (phase-detection AF) 25 points (contrast-detection AF)
AF Modes	AF-A (Automatic AF), AF-S (Single-shot AF), AF-C (Continuous AF), DMF (Direct Manual Focus), Manual Focus
Focus Area	Wide (179 points phase-detection AF, 25 points contrast-detection AF), Zone, Center-weighted, Flexible Spot (Small, Medium, Large)
Focus Sensitivity	EV0 to EV20 (ISO100 equivalent with F2.8 lens attached)
Focus Features	Lock-on AF, Eye AF, Predictive control, Focus lock, AF illuminator (with Built-in LED type) Approx. range; 0.3- approx. 3.0m (with E PZ 16-50mm F3.5-5.6 OSS lens attached)
AF Illuminator	Built-in LED, Range: approx. 3' 4" - 9' 9" (0.3m-3.0m)
Exposure System	
Picture Effect(s)	13 modes: Posterization (Color, B/W), Pop Color, Retro Photo, Partial Color (R, G, B, Y), High Contrast Monochrome, Toy Camera, Soft High-key, Soft Focus, HDR Painting, Rich-tone Monochrome, Miniature, Watercolor, Illustration
Auto Exposure Lock	Yes with AE lock button (AE also locked when shutter button is halfway: Auto/On/Off selectable)
Color Temperature	2500 to 9900K Color Filter (G7 to M7: 15-steps, A7 to B7: 15-steps)
Creative Style	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn leaves, Black White, Sepia, Style Box(1-6), (Contrast (-3 to +3 steps), Saturation (-3 to +3 steps), Sharpness (-3 to +3 steps))
D-Range Optimizer	Off, Dynamic Range Optimizer (Auto/Level (1-5)), Auto High Dynamic Range (Auto Exposure Difference, Exposure Difference Level (1-6 EV, 1.0 EV step))
Exposure Bracketing	Cont. Bracket: x3 or x5 image in 1/3 EV, 1/2 EV, 2/3 EV, 1.0 EV, 2.0 EV, 3.0 EV increments, Single Bracket: x3 or x5 image in 1/3 EV, 1/2 EV, 2/3 EV, 1.0 EV, 2.0 EV, 3.0 EV increments, White Balance Bracket: Low (LO), high (HI) DRO Balance Bracket: Low (LO), high (HI)
Exposure Compensation	Still images: ±5.0 EV(1/3EV, 1/2EV steps selectable) Movies: ±2.0 EV(1/3EV steps selectable)
Exposure Settings	iAUTO, Superior Auto, Programmed AE (P), Aperture priority (A), Shutter priority (S), Manual (M), Memor Recal (MR), Sweep Panorama, Scene Selection, Movie
ISO	Stills: ISO 100-25,600 selectable in 1/3 EV steps, Still Auto: ISO 100-25,000 selectable upper and lower limit, Movies: ISO 100-12,800 selectable in 1 EV steps, Movie Auto ISO 200-12,800 selectable upper and lower limit
Metering	Advanced 1200-zone evaluative metering

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Metering Modes	Multi-segment, Center-weighted, Spot
Metering Sensitivity	EV 0 to 20 EV (at ISO100 equivalent, with F2.8 lens attached)
Noise Reduction	Long exposure NR: On/Off, available at shutter speeds longer than 1 sec., High ISO NR: Normal/Low/Off selectable, Multi-frame NR: Auto/ISO 100 to 51200
Scene Mode(s)	Portrait, Landscape, Macro, Sports Action, Sunset, Night Portrait, Night View, Hand-held Twilight, Anti Motion Blur
White Balance Mode	Auto WB, Daylight, Shade, Cloudy, Incandescent, Fluorescent (Warm White, Cool White, Day White, Daylight), Flash, Color Temperature (2500 to 9900K) Color Temp. Filter (G7 to M7: 15-steps, A7 to B7: 15-steps), Custom, Underwater Auto
Drive System	
Continuous Shooting Speed	Continuous mode: 11fps (hi), 6fps (mid), 2.5fps (low) with AF
Drive Mode	Single Shot, Continuous shooting (Hi/Mid/Lo selectable), Self-timer (10/2 sec delay selectable), Self-timer (Cont.) (with 10 sec delay 3/5 exposures selectable), Bracket: Cont. / Single/ WB / DRO
Flash Sync Speed	1/160 sec.
Self-timer	2-sec. or 10-sec. delay
Shutter Speeds	Still images: 1/4000 to 30 sec., Bulb Movies: 1/4000 to 1/4 (in 1/3 step), up to 1/60 in AUTO mode, up to 1/30 in Auto Slow Shutter mode
Shutter Type	Electronically-controlled, vertical-traverse, focal-plane shutter
Flash	
Flash Bracketing	1/3, 1/2, 2/3, 1.0, 2.0, 3.0 EV steps, 3/5 frames (1.0/2.0/3.0 EV : only 3 frames) selectable
Flash Compensation	±3.0 EV (switchable between 1/3 and 1/2 EV steps)
Flash Coverage	16mm (focal length printed on lens body)
Flash Metering System	Pre-flash TTL
Flash Modes	Flash off, Auto flash, Fill-flash, Slow Sync., Rear Sync, Wireless, Red-eye reduction (On/Off)
Flash Type	Built-in, Pop-up
Guide Number	6 (in meters at ISO 100)
Interface	
Remote Commander	Yes, via optional RM-VPR1
Accessory Shoe	MI (Multi-interface shoe), Standard ISO 518:2006 design with multi-pin configuration for additional accessories
A/V Remote Terminal	Yes, via optional RM-DSLR2 wired Multi-terminal remote
DC IN	Yes via optional AC-PW20AM (sold separately)
HD Output	HDMI micro connector (Type-D) BRAVIA Sync (link menu) PhotoTV HD 4K Still Image playback via HDMI to compatible 4K TV
HDMI Terminal	HDMI®micro connector (Type-D)
Memory Card Slot	Dual compatibility slot: Memory Stick PRO Duo™/Pro-HG Duo™/PRO-HG HX Duo™ media - SD, SDHC and SDXC memory card
NFC	Yes (NFC Forum Type 3 Tag compatible, One-touch remote, One-touch sharing)
Tripod Mount	Yes (1/4" diameter, 20 threads per inch)
USB Port(s)	USB 2.0 Hi-speed (mass-storage, MTP)
Wi-Fi	Yes(Wi-Fi Compatible, IEEE 802.11b/g/n(2.4GHz band))
Weights and Measurements	
Dimensions (Approx.)	Approx. 4-3/4" x 2-7/8" x 1-13/16" (120mm x 67mm x 45mm)
Weight (Approx.)	Approx. 10.1 oz (285 g) (body only) Approx. 12.1 oz (344 g) (with battery and memory stick)
Power	
Battery Type	InfoLITHIUM®NP-FW50 (7.2V)
Battery Capacity	1080 mAh

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Number of Still Images	Approx. 310 shots (Viewfinder), Approx. 360 shots (LCD monitor) (CIPA standard)
External Power	AC Adaptor AC-PW20
Power Consumption (in LCD Screen Operation)	Approx. 2.4W (still images, with E PZ 16-50mm F3.5-5.6 OSS lens)
Power Consumption (in View Finder Operation)	Approx. 2.8W (still images, with E PZ 16-50mm F3.5-5.6 OSS lens)
Software	
Supplied Software	Supplied Software: PlayMemories Home, Image Data Converter Version 4
Operating System Compatibility	supported, Windows Image Mastering API(IMAPI) Ver.2.0 or later is required to use the function for creating discs.) Windows Vista®SP2 (Starter Edition is not supported) Windows®7 SP1; Windows®8; Mac OS X (10.6-10.8)
Service and Warranty Information	
Limited Warranty Term	1 Year Parts Labor
Accessories	
Supplied Accessories	Rechargeable Battery (NP-FW50) AC Adaptor (AC-UB10) Shoulder strap Body cap Eyepiece cup Micro USB cable

1 Among interchangeable-lens digital cameras equipped with an APS-C image sensor as of February 12, 2014. Measured using CIPA internal measurement method with E PZ 16-50mm F3.5-5.6 OSS lens mounted, Pre-AF off and viewfinder in use.

2 Not supported in some regions.

3 Records in up to 29 minutes segments.4 Some functions can only be assigned to certain buttons.

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5 Requires an active 802.11 Wi-Fi® network (802.11n recommended) or PlayMemories Mobile™ app installed on compatible Android™ or iOS device. PlayMemories camera apps require download with existing Sony Entertainment Network account. Download available in all countries/areas where Sony Entertainment Network is available.