SONY

ILCE-6300M/B

α6300 Mirrorless Interchangeable-Lens Camera with 18-135mm lens

---

Key Features

4D FOCUS™ w/ lightning fast autofocus and world's most[2] AF points

The α6300's unrivaled 4D FOCUS™ system boasts lightning fast autofocus (AF) acquisition time that can lock focus on a subject in as little as 0.05 seconds. It also has an incredible 425 phase detection AF points that are densely positioned over the entire image area, and can shoot images at up to 11 frames per second with continuous autofocus and exposure tracking. Additionally, the α6300 takes full advantage of its enhanced fast hybrid AF for movies in both HD and 4K. Other enhancements include silent shooting with continuous autofocus and auto exposure, the ability to use AF in focus magnifier mode, expanded flexible spot AF, Eye AF in AF-C mode and more.

High-speed continuous shooting with AF/AE tracking

Clearly capture definitive points of action at extra-high speed at up to 11 fps continuous shooting with autofocus and auto exposure tracking. Experience all the benefits of an electronic viewfinder combined with the immediacy of a through-the-lens optical viewfinder by choosing live-view continuous shooting at up to 8fps. Or go with 11fps continuous shooting for extra assurance of sharp climactic shots. AF/AE tracking performance is incomparably fast, adaptable and nimble with every continuous shooting option.

24.2 MP of imaging innovation

The newly developed 24.2 MP (approx. effective) APS-C Exmor® CMOS sensor features copper wiring and enhanced circuit processing that lower the wiring layer and boost light collection efficiency. In conjunction with the BIONZ X® image processor, it minimizes noise throughout a wide sensitivity range of ISO 100-51200[8]. The highly conductive copper in the circuitry significantly accelerates readout speed to support 4K movie recording with full pixel readout without pixel binning, Full HD 120fps shooting and 14-bit RAW output for still images.

Ultimate 4K movie recording[5] and more

The α6300 offers internal 4K recording[5] in Super 35mm format with full pixel readout, no pixel binning and 2.4x oversampling for the ultimate movie quality. By collecting 20 megapixels (6K equivalent) of information, which is approximately 2.4x as many pixels as 4K, the α6300 then oversamples the information to produce high quality 4K footage with exceptional detail and depth. Additional professional video features include; S-Gamut3/S-Log3 and Gamma Display Assist, the ability to record Full HD at 120 fps for 4x or 5x slow motion HD video, both a mic jack and XLR compatibility via the MI shoe, enhanced Zebra functionality, picture profile settings, as well as Time Code / User Bit, clean HDMI output and much more.

2.4-million dot XGA OLED Tru-Finder™ w/ fast tracking 120Hz.

The α6300 is equipped with a high contrast, high-resolution XGA OLED Tru-Finder with approximately 2.4 million dots that offers exceptional corner-to-corner visibility. There is also a new mode available for the viewfinder that allows display of images at 120Hz, ensuring that action is displayed smoothly with very few afterimages for the sense of immediacy you get when shooting with an optical viewfinder, making subject tracking through the Tru-finder easier than ever.

Enhanced Operability and Ergonomics

SONY

The α6300 is equipped with an extremely solid magnesium alloy body that's dust and moisture resistant for extreme conditions. The robust lens mount and refined grip makes it easier to shoot with larger heavier lenses, while the new 2.4-million dot XGA OLED Tru-Finder™ with selectable 60fps/120fps refresh rates allow for faster subject tracking. The α6300 can be customized to fit nearly any shooting style or preferences with one of 65 different functions that can be assigned to one of the 10 customizable buttons. A new shutter release button and mode dial with improved operability add to the refined shooting experience.

Wi-Fi®/NFC™/QR code for easy file transfer and remote control

Easily connect with NFC or QR code (for non-NFC devices) to smartphones or tablets with the built-in Wi-Fi® and Sony's PlayMemories Mobile™ application available for Android™ and iOS platforms. Control your camera or transfer files to your device for fast and easy sharing without the need of a computer. It also supports Sony's growing range of PlayMemories Camera Apps™, which add a variety of creative capabilities to the camera. Then when you're done, you can use the free software to sort and manage your stills and video with PlayMemories Home™ or edit your RAW file with either Sony's Image Data Converter or Capture One Express (for Sony).

Focal plane phase-detection AF with A-mount lenses[10]

The α6300 offers focal plane phase-detection autofocus with A-mount lenses10 that have SSM (Super Sonic wave Motor) or SAM (Smooth Autofocus Motor) and by using a LA-E3 or LA-EA1 (APS C format with LA-EA1) lens mount adaptor. You can take advantage of the wide AF coverage of 425 focal plane phase-detection AF points, high-speed response, high tracking capability and high optical performance of A-mount lenses.

4x/5x slow motion recording at 120fps Full HD

Capture high-quality Full HD* footage at 120fps high-speed shooting with a high bit rate up to 100Mbps. The camera can record 4x/5x slow motion movies internally when the frame rate is set at 30p or 24p or use the 120fps footage to edit into slow motion later on.

High-bit-rate XAVC S™ format for 4K recording

The consumer friendly XAVC S™ format[6] supports 4K recording at maximum 100Mbps bit rate as well as Full HD recording at 50Mbps, so the α6300 can capture movies6 filled with finely detailed movement. For efficient handling, XAVC S™ files are minimized in size using Long GOP data compression, and contained in the widely compatible MPEG-4 AVC/H.264 format.

3" LCD screen tilts up and down for easy high and low-angle framing.

The tiltable 3″ (921k dots) LCD™ Display makes it easy to photograph over crowds, or objects close to the ground or maybe you just want to get a different perspective. The screen can swivel up approx. 90° and down approx. 45°. The large display delivers brilliant-quality still images and movies thanks to WhiteMagic™ technology that nearly doubles the brightness of the display through a unique RGBW pixel structure for easier checking of the focus and image details.

Silent Shooting

Release the shutter without a sound when silence is required, even when continuous shooting with autofocus and auto exposure tracking is engaged. For quicker access, assign Silent Shooting mode to a customizable button.

Make it your own with easy button customization

You can assign any of 65 functions to any of 10 customizable buttons as you like. This makes operation more intuitive, quick and easy, and is extra-convenient for accessing such functions as starting and stopping of movie recording and switching between viewfinder and monitor.

Expand Flexible Spot

When the selected autofocus point loses track of or is not positioned on a moving subject, Expand Flexible Spot function automatically directs surrounding AF points to restore focus instantly on that subject.

Eye AF in AF-C mode

Eye AF (autofocus) is now available in AF-C (continuous autofocus) mode in this camera. This means it automatically focuses on and even tracks focus on a subject's eye, as the face moves, extending your freedom to frame a shot.

SONY

Specifications

Camera	
Lens Compatibility	Sony E-mount lenses
Lens Mount	E-mount
Camera Type	Interchangeable lens digital camera with built-in flash
Imaging Sensor	
Imaging Sensor	Exmor CMOS sensor, APS-C type (23.5 x 15.6 mm)
Anti Dust	(Power off) Charge protection coating on Optical Filter and ultrasonic vibration mechanism
Pixel Gross	Approx. 25.0 megapixels
Effective Picture Resolution	Approx. 24.2 megapixels
Color Filter System	RGB primary color
Recording	
Media Type	Memory Stick PRO Duo, Memory Stick PRO-HG Duo, Memory Stick Micro (M2), SD memory card, SDHC memory card (UHS-I compliant), SDXC memory card (UHS-I compliant), microSD memory card, microSDHC memory card, microSDXC memory card
Color Space	Still: sRGB standard (with sYCC gamut) and Adobe RGB standard compatible with TRILUMINOS Color Movie: xvYCC standard (x.v.Color when connected via HDMI cable) compatible with TRILUMINOS Color
Still Image Mode	RAW, RAW & JPEG, JPEG Extra fine, JPEG Fine, JPEG Standard
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	Horizontal Wide: 12,416 x 1,856 (23M) Horizontal Std: 8,192 x 1,856 (15M) Vertical Wide: 5,536 x 2,160 (12M) Vertical Std: 3,872 x 2,160 (8.4M)
Video Format	XAVC S / AVCHD format Ver. 2.0 compliant / MP4
Video Mode	XAVC S: MPEG-4 AVC/H.264 AVCHD: MPEG-4 AVC/H.264 MP4: MPEG-4 AVC/H.264

Video Resolution	XAVC S 4K: 3840 x 2160 / 30p @ Approx.100Mbps 3840 x 2160 / 25p @ Approx.100Mbps 3840 x 2160 / 24p @ Approx.100Mbps 3840 x 2160 / 30p @ Approx.60Mbps 3840 x 2160 / 25p @ Approx.60Mbps 3840 x 2160 / 24p @ Approx.60Mbps XAVC S HD: 1920 x 1080 / 120p @ Approx.100Mbps 1920 x 1080 / 100p @ Approx.100Mbps 1920 x 1080 / 120p @ Approx.60Mbps 1920 x 1080 / 100p @ Approx.60Mbps 1920 x 1080 / 60p @ Approx.50Mbps 1920 x 1080 / 50p @ Approx.50Mbps 1920 x 1080 / 30p @ Approx.50Mbps 1920 x 1080 / 25p @ Approx.50Mbps 1920 x 1080 / 24p @Approx.50Mbps AVCHD: PS - 1920 x 1080 / 60p @ Maximum bit-rate 28Mbps PS - 1920 x 1080 / 50p @ Maximum bit-rate 28Mbps FX - 1920 x 1080 / 60i @ Maximum bit-rate 24Mbps FX - 1920 x 1080 / 50i @ Maximum bit-rate 24Mbps FH - 1920 x 1080 / 60i @ Average bit-rate 17Mbps FH - 1920 x 1080 / 50i @ Average bit-rate 17Mbps FX - 1920 x 1080 / 24p @ Maximum bit-rate 24Mbps FX - 1920 x 1080 / 25p @ Maximum bit-rate 24Mbps FH - 1920 x 1080 / 24p @ Average bit-rate 17Mbps FH - 1920 x 1080 / 25p @ Average bit-rate 17Mbps AVC MP4: 1920 x 1080 / 60p @ 28Mbps 1920 x 1080 / 50p @ 28Mbps 1920 x 1080 / 30p @ 16Mbps 1920 x 1080 / 25p @ 16Mbps 1280 x 720 / 30p @ 6Mbps 1280 x 720 / 25p @ 6Mbps High Frame Rate Recording: 1920 x 1080 / 30p @ 16Mbps 1920 x 1080 / 25p @ 16Mbps 1920 x 1080 / 24p @ 12Mbps
Audio Format	XAVC S: LPCM 2ch AVCHD: Dolby Digital (AC-3) 2ch, Dolby Digital Stereo Creator MP4: MPEG-4 AAC-LC 2ch
Microphone/Speaker	Built-in stereo microphone or XLR-K2M/XLR-K1M/ECM-XYST1M (sold separately) Built-in,monaural
Still Image File Format	JPEG (DCF Ver. 2.0, Exif Ver.2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format)
Optics/Lens	
Digital Zoom	Smart zoom (still images) M: Approx. 1.4x, S: Approx. 2.0x Digital zoom (still images) L: Approx. 4x, M: Approx. 5.7x, S: Approx. 8x Digital zoom (movies) Approx. 4x
Viewfinder	
Type	0.39 type (1.0 cm) electronic viewfinder (color), 2,359,296 dots
Diopter Adjustment	-4.0 to +3.0m^{-1}
Field of View	100%
Magnification	Approx. 1.07x (35mm camera equivalent: Approx. 0.70x) with 50mm lens at infinity, -1m^{-1}
Brightness Control	Auto/Manual (5 steps between -2 and +2)
Color temperature control	Manual (5 steps)

SONY

Display	Graphic Display Display All Info. No Disp. Info. Digital Level Gauge Histogram
Eye point	Approx. 23mm from the eyepiece lens, 21.4mm from the eyepiece frame at -1m^{-1}(CIPA standard)
Finder Frame Rate Selection	Yes (1x, 2x)

LCD Display

LCD Type	3.0-type (7.5 cm) wide type TFT (921,600 dots)
Angle Adjustment	Up approx. 90 degrees, down approx. 45 degrees
Brightness Control	Manual (5 steps between -2 and +2), Sunny Weather mode
Coverage	100%
Real-time image adjustment display	On/Off
Peaking	Yes (Level setting: High/Mid/Low/Off, Color: White/Red/Yellow)
Grid Display	Yes (Rule of 3rds Grid/Square Grid/Diag. + Square Grid/Off)
Customization	Graphic Display, Display All Info, No Disp. Info, Digital Level Gauge, Histogram, For viewfinder
Zebra	Yes (selectable level + range or lower limit as custom setting)

Focus Control

Focus System	Fast Hybrid AF (phase-detection AF/contrast-detection AF)
Focus Points	425 points (phase-detection AF) / 169 points (contrast-detection AF)
AF Modes	Automatic AF (AF-A), Single-shot AF (AF-S), Continuous AF (AF-C), Direct Manual Focus (DMF), Manual Focus
Focus Area	Wide (425 points (phase-detection AF), 169 points (contrast-detection AF)) / Zone / Center / Flexible Spot (S/M/L) /Expanded Flexible Spot/ Lock-on AF (Wide / Zone / Center / Flexible Spot (S/M/L)/Expanded Flexible Spot)
Focus Sensitivity	EV-1 to EV20 (ISO100 equivalent with F2.0 lens attached)
AF Illuminator	Yes (with Built-in LED type), Range: Approx. 0.3- approx. 3.0m (with E PZ 16-50mm F3.5-5.6 OSS lens attached)

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 (Normal/Cool/Warm/Green/Magenta), Soft High-key , Soft Focus (High/Mid/Low), HDR Painting (High/Mid/Low), Rich-tone Monochrome, Miniature (Auto/Top/Middle(H)/Bottom/Right/Middle(V)/Left), Watercolor, Illustration (High/Mid/ Low)
Auto Exposure Lock	Locked when shutter button is pressed halfway. Available with AE lock button. (On/Off/Auto)
Color Temperature	G7 to M7 (57 steps), A7 to B7 (29 steps)
Creative Style	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn Leaves, Black & White, Sepia (Contrast -3 to +3 steps, Saturation -3 to +3 steps, Sharpness -3 to +3 steps) (Style Box 1-6 also provided)
D-Range Optimizer	Off, Dynamic Range Optimizer (Auto/Level (1-5)), Auto High Dynamic Range: Auto Exposure Difference, Exposure Difference Level (1.0-6.0 EV, 1.0 EV step)
Exposure Bracketing	Bracket: Cont., Bracket: Single, 3/5/9 frames selectable. With 3 or 5 frames, in 1/3, 1/2, 2/3, 1.0, 2.0, or 3.0 EV increments, with 9 frames, in 1/3, 1/2, 2/3, or 1.0 EV increments.
Exposure Compensation	+/- 5.0EV (1/3 EV, 1/2 EV steps selectable)
Exposure Settings	AUTO (iAuto, Superior Auto), Programmed AE (P), Aperture priority (A), Shutter-speed priority (S), Manual (M) Movie / High Frame Rate (Programmed AE (P) / Aperture priority (A) / Shutter-speed priority (S) / Manual (M)), Sweep, Panorama, Scene Selection

SONY

ISO	Still images: ISO 100-25600 (ISO numbers up to ISO 51200 can be set as expanded ISO range.), AUTO (ISO 100-6400, selectable lower limit and upper limit) Movies: ISO 100-25600 equivalent, AUTO (ISO 100-6400, selectable lower limit and upper limit)
Metering	1200-zone evaluative metering
Metering Modes	Multi-segment, Center-weighted, Spot
Metering Sensitivity	EV-2 to EV20 (at ISO100 equivalent with F2.0 lens attached)
Noise Reduction	Long exposure NR: On/Off , available at shutter speeds longer than 1 sec. High ISO NR: Normal / Low / Off Multi Frame NR : Auto/ ISO 100 to 51200
Scene Mode(s)	Portrait, Sports Action, Macro, Landscape, Sunset, Night Scene, Hand-held Twilight, Night Portrait, 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 Filter (G7 to M7: 57 steps, A7 to B7: 29 steps) / Custom / Underwater

Drive System

Continuous Shooting Speed	Continuous shooting: approx.* Hi+: 11 fps, Hi: 8 fps, Mid: 6 fps, Lo: 3 fpsbr / *Approximate. May vary depending on shooting conditions and media.
Drive Mode	Single shooting, Continuous shooting (Hi+/Hi/Mid/Lo selectable), Self-timer, Self-timer (Cont.), Bracketing (Cont., Single, White Balance, DRO)
Flash Sync Speed	1/160 sec.
Shutter Speeds	Still images:1/4000 to 30 sec, Bulb, Movies: 1/4000 to 1/4(1/3 steps) up to 1/60 in AUTO mode (up to 1/30 in Auto slow shutter mode)
Shutter Type	Electronically-controlled, vertical-traverse, focal-plane type

Drive

Self-timer	10 sec. delay/5 sec. delay/2 sec. delay/Continuous self-timer (3 frames after 10 sec. delay/5 frames after 10 sec. delay/3 frames after 5 sec. delay/5 frames after 5 sec. delay/3 frames after 2 sec. delay/5 frames after 2 sec. delay)/Bracketing self-timer (Off/2 sec. delay/5 sec. delay/10sec. delay)

Flash

Control	Pre-flash TTL
External flash	Sony α System Flash compatible with Multi Interface Shoe, attach the shoe adaptor for flash compatible with Auto-lock accessory shoe
FE Level Lock	Yes
Flash Bracketing	3/5/9 frames selectable. With 3 or 5 frames, in 1/3, 1/2, 2/3, 1.0, 2.0, 3.0 EV increments, with 9 frames, in 1/3, 1/2, 2/3, 1.0 EV increments.
Flash Compensation	+/- 3.0 EV (switchable between 1/3 and 1/2 EV steps)
Flash Coverage	16mm (focal-length printed on the lens body)
Flash Modes	Flash off, Autoflash, Fill-flash, Rear Sync., Slow Sync., Red-eye reduction (On/Off selectable), Hi-speed sync*, Wireless* br / *With compatible external flash.
Flash Type	Built-in flash
Guide Number	6 (in meters at ISO 100)
Recycling Time	Approx. 4 sec

Advanced Features

Face Detection	On / On (Regist. Faces) / Off, Face registration, Face selection (Max. number of detectable faces: 8)
Smile Shutter™ technology	Smile shutter (selectable from 3 steps)
Image Stabilization	Not supported (image stabilization supplied by lens)

Interface

SONY

Microphone Input	Yes (3.5 mm Stereo minijack)
Remote Commander	Yes (RMT-DSLR2 (sold separately))
HD Output	HDMI micro connector (Type-D), BRAVIA Sync (Control for HDMI), PhotoTV HD, 4K movie output/4K still image playback
NFC	Yes (NFC forum Type 3 Tag compatible) (One-touch remote, One-touch sharing)
Wi-Fi	Yes (Wi-Fi Compatible, IEEE 802.11b/g/n(2.4GHz band))
Weights and Measurements	
Dimensions (Approx.)	4 3/4 x 2 3/4 x 1 15/16 inch (120.0 x 66.9 x 48.8mm) (WxHxD) excluding protrusions
Weight (Approx.)	With battery and Memory Card included: Approx. 14.3 oz (404 g)
Weight(Approx) (Main unit only)	12.8 oz (361 g)
Power	
Battery Type	One rechargeable battery pack NP-FW50
Number of Still Images	Still Approx. 350 shots (Viewfinder) / approx. 400 shots (LCD monitor) (CIPA standard) Movies Actual recording: Approx. 70 min (Viewfinder) / Approx. 75 min (LCD monitor) Continuous recording: Approx. 115 min (Viewfinder) / Approx. 115 min (LCD monitor) (CIPA standard)
External Power	AC Adaptor AC-PW20 (sold separately)
Power Consumption (in View Finder Operation)	With Viewfinder; Still images: approx. 2.2W(with E PZ 16-50mm F3.5-5.6 OSS lens attached), Movies: approx. 3.8W(with E PZ 16-50mm F3.5-5.6 OSS lens attached) With LCD screen; Still images: approx. 2.2W(with E PZ 16-50mm F3.5-5.6 OSS lens attached), Movies: approx. 3.8W(with E PZ 16-50mm F3.5-5.6 OSS lens attached)
USB power supply	Yes
Audio/ Microphone	
Microphone	Built-in stereo microphone or XLR-K2M/XLR-K1M/ECM-XYST1M(sold separately)
Audio/ Speaker	
Speaker	Built-in,monaural
Clear Image Zoom	
Movies	Approx. 2x
Still images	Approx. 2x
Custom function	
Custom key settings	Yes
Programmable Setting	Yes (Body 2 sets /memory card 4 sets)
Digital zoom	
Digital zoom (Still images)	L:Approx. 4x M:Approx. 5.7x S:Approx. 8x
Smart zoom (Still images)	M:Approx. 1.4x S:Approx. 2x
Exposure control	
AE Lock	Available with AE lock button. Locked when shutter button is pressed halfway. Can be disabled from the Menu.
Focus system	
AF illuminator	Yes(with Built-in LED type)
AF illuminator range	Approx. 0.3- approx. 3.0m (with E PZ 16-50mm F3.5-5.6 OSS lens attached)
Eye AF	Yes

Eye-start AF	Yes (only with LA-EA2 or LA-EA4 attached(Sold separately))
Focus sensor	Exmor CMOS sensor
Lock-on AF	Yes
Other Features	Predictive control, Focus lock
Sensitivity range	EV-1 to EV20 (ISO100 equivalent with F2.0 lens attached)
Interface	
PC interface	Mass-storage, MTP, PC remote
Multi Interface Shoe	Yes
PC Remote	Mass-storage, MTP, PC remote
Lens compensation	
Lens compensation	Peripheral Shading, Chromatic Aberration, Distortion
Movie Function	
AF Drive Speed	Yes
AF Tracking Duration	Yes
Audio Level Display	Yes
Audio Rec Level	Yes
Auto Slow Shutter	Yes
Clean HDMI Info.	ON/OFF selectable
Dual Video REC	Yes
HDMI Output	3840 x 2160 (30p) 3840 x 2160 (25p) 3840 x 2160 (24p) 1920 x 1080 (60p) 1920 x 1080 (60i) 1920 x 1080 (50p) 1920 x 1080 (50i) 1920 x 1080 (24p), YCbCr 4:2:2 8bit / RGB 8bit
PAL/NTSC Selector	Yes
REC Control	Yes
TC/UB	Yes (TC Preset / UB Preset / TC Format / TC Run / TC Make / UB Time Rec)
Operating Temperature	
Operating temperature	32 - 104 degrees F / 0 - 40 degrees C
Other Features	
Area Setting	Yes
Clock Function,Setting	Yes
Eye-Fi ready	Yes *Cards can be used only in the countries where they are purchased.
Help guide	Yes
Shop Front Mode	Yes
Print	
Compatible standards	Exif Print, Print Image Matching III, DPOF setting
Playback	

SONY

Modes	Single (with or without shooting information Y RGB histogram & highlight/shadow warning) 12/30-frame index view Enlarged display mode (L: 16.7x, M: 11.8x, S: 8.3x, Panorama (Standard): 19.2x, Panorama (Wide): 29.1x) Auto Review (10/5/2 sec,Off) Image orientation (Auto/Manual/Off selectable) Slideshow Panorama scrolling Folder selection (Date/ Still/ MP4/ AVCHD/XAVC S HD/XAVC S 4K) Forward/Rewind (movie) Delete Protect
Recording system	
File system	FAT12, 16, 32, exFAT
Media	Memory Stick PRO Duo Memory Stick PRO-HG Duo Memory Stick Micro(M2) SD memory card SDHC memory card (UHS-I compliant) SDXC memory card (UHS-I compliant) microSD memory card microSDHC memory card microSDXC memory card
Memory Card Slot	Multi slot for Memory Stick Duo/SD memory card
Recording system (movie)	
Audio recording format	XAVC S:LPCM 2ch AVCHD: Dolby Digital (AC-3) 2ch, Dolby Digital Stereo Creator MP4: MPEG-4 AAC-LC 2ch
Color space	xvYCC standard (x.v.Color when connected via HDMI cable) compatible with TRILUMINOS Color
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))
Picture Effect	Posterization (Color), Posterization (B/W), Pop Color, Retro Photo, Partial Color (R/G/B/Y), High Contrast Monochrome, Toy Camera(Normal/Cool/Warm/Green/ Magenta), Soft High-key
Recording format	XAVC S AVCHD format Ver. 2.0 compliant MP4
Video compression	XAVC S:MPEG-4 AVC/H.264, AVCHD: MPEG-4 AVC/H.264, MP4: MPEG-4 AVC/H.264
Recording system (still image)	
Color space	sRGB standard (with sYCC gamut) and Adobe RGB standard compatible with TRILUMINOS Color
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))
Delete	Yes
Dynamic Range functions	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))
Image quality modes	RAW RAW & JPEG JPEG Extra fine JPEG Fine JPEG Standard
Image size (pixels) (16:9)	L: 6000 x 3376(20M), M: 4240 x 2400(10M), S: 3008 x 1688(5.1M)

SONY

Image size (pixels) (3:2)	L: 6000 x 4000(24M), M: 4240 x 2832(12M), S: 3008 x 2000(6.0M)
Picture Effect	13 types: Posterization (Color), Posterization (B/W), Pop Color, Retro Photo, Partial Color (R/G/B/Y), High Contrast Monochrome, Toy Camera(Normal/Cool/Warm/Green/Magenta), Soft High-key , Soft Focus(High/Mid/Low), HDR Painting(High/Mid/Low), Rich-tone Monochrome, Miniature(Auto/Top/Middle(H)/Bottom/Right/Middle(V)/Left), Watercolor, Illustration(High/Mid/ Low)
Recording format	JPEG (DCF Ver. 2.0, Exif Ver.2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format)
Shutter	
Electronic Front Curtain Shutter	Yes (ON / OFF)
Flash sync. speed	1/160 sec.
Shutter speed	Still images:1/4000 to 30 sec, Bulb, Movies: 1/4000 to 1/4(1/3 steps) up to 1/60 in AUTO mode (up to 1/30 in Auto slow shutter mode)
Silent Shooting	Yes(ON/OFF)
Type	Electronically-controlled, vertical-traverse, focal-plane type
White balance	
AWB micro adjustment	Yes
Bracketing	3 frames, H/L selectable
Modes	Auto / Daylight / Shade / Cloudy / Incandescent / Fluorescent Warm White / Cool White / Day White / Daylight / Flash /Underwater/ Color Temperature 2500 to 9900K & color filter/ Custom
Wi-Fi	
Send to Computer	Yes
View on Smartphone	Yes
View on TV	Yes
Accessories	
Supplied Accessories	SEL18135 Lens hood Lens cap Lens rear cap Rechargeable Battery NP-FW50 AC Adaptor (AC-UUD12) Shoulder strap Body cap Accessory shoe cap Eyepiece cup Micro USB cable

1.Among interchangeable-lens digital cameras as of February 2016, based on Sony research, measured using CIPA-compliant guidelines, and internal measurement method with an E PZ 16-50mm F3.5-5.6 OSS lens mounted, Pre-AF off and viewfinder in use.
2. Among interchangeable-lens digital cameras as of February 2016, based on Sony research.
3. Approximate effective megapixels.
4. Dust and moisture resistance does not guarantee that absolutely no dust and water will be able to enter the body. For FE lens only.
5. Movie recording is possible for approximately 29 minutes.
6. Expandable up to ISO 51200 for stills and up to ISO 25600 for movies."