

**SONY**  
make.believe

**the pocket professional**  
**has evolved**



**NEX-6**

Interchangeable-lens  
Digital Camera

# upgrade your expectations

Raise your photography to the next level with NEX-6, a remarkably compact interchangeable-lens camera loaded with big camera features. From the distinctive dials on top to the large APS-C image sensor inside, you'll feel that special sense of quality and performance that is a signature of DSLRs, minus the bulk. Add ultra-fast phase-detection AF and Sony's superb XGA OLED electronic viewfinder in addition to Full HD video recording at 60p and you have a camera well equipped to take you on a unique photographic journey.

Experience NEX-6. A camera designed to exceed expectations, for photos and movies that transcend the ordinary.



## NEX-6

- Exmor® APS HD CMOS sensor with 16.1 megapixels<sup>1</sup>
- Fast Hybrid AF
- Two dials for DSLR-like operation
- Electronic viewfinder (XGA OLED Tru-Finder™)
- Built-in Wi-Fi®
- PlayMemories Camera™ Apps<sup>2</sup>





# exquisite imagery in any light

## An impressive combination for images of unsurpassed splendor

Sony's 16.1 megapixel\* Exmor® APS HD CMOS sensor—the same size as found in larger DSLRs—works with BIONZ® image processing to deliver images of astounding beauty. Brilliant lifelike colors, superb details and smooth tonal gradations are all hallmarks of this renowned duo. Whether viewing on a wide-screen TV or making

oversized prints, the high-resolution, low-noise images reveal every subtle nuance of a scene, be it a majestic landscape or slice of dynamic city life. In addition, the high resolution offers more freedom when cropping photos without sacrificing image quality.

\* Effective pixels (approx.)



## Preserving the natural beauty of delicately lit low-light scenes

Never worry about ruining the lovely atmosphere of a warmly lit interior or sparkling night scene. The ultra-high ISO of 25600 lets you shoot without flash for images that faithfully convey the ambience of the setting, while NEX-6's noise reduction technology markedly

reduces noise that occurs when shooting at high ISO sensitivity. You'll also appreciate the freedom high ISO sensitivity provides, allowing you to shoot at fast shutter speeds to eliminate the need for a tripod or to capture fast-moving action.



E 18-200 mm F3.5-6.3 OSS (SEL18200), 1/25 sec., F8, ISO 3200, Auto white balance





E PZ 16-50 mm F3.5-5.6 OSS (SELP1650), 1/100 sec., F11, ISO 200, Daylight white balance

# focus and shoot at the speed of life



## Fast Hybrid AF system

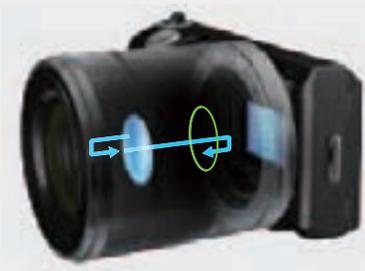
Phase-detection AF + Contrast-detection AF



□ Area covered by 99-point phase-detection AF.

## Conventional AF system

Contrast-detection AF



Conventional AF systems sometimes fail to focus on subjects set against a high-contrast background.

## New autofocus system for DSLR-like response

NEX-6 is equipped with Sony's Fast Hybrid AF\*—an innovation that combines the hyper-responsiveness of phase-detection AF with the precision of contrast-detection AF. First, fast phase-detection AF quickly moves the lens to bring the subject into near focus after which highly precise

contrast-detection AF finishes focusing. It all happens in the blink of an eye so you're assured of capturing every fleeting moment.

\* See "Lens support for Fast Hybrid AF" on the back cover for details on compatible lenses.

## Four focus modes cover any scene or subject

Matching the focus mode to the subject assures super-sharp results. Choose from Single-shot AF for static subjects, Continuous AF for moving subjects and Manual Focus or Direct Manual Focus (DMF) for close-ups.



E 18-200 mm F3.5-6.3 OSS (SEL18200), 1/320 sec., F5.6, ISO 400, Auto white balance

### Keeping moving subjects sharply focused

Automatically maintain focus on moving subjects with Object Tracking. Just select the subject and the camera locks on, keeping it sharply focused as it moves—a great help when shooting action scenes.

### Up to 10 fps high-speed continuous shooting

Rely on NEX-6 to flawlessly capture any fast-breaking action. Speed Priority Continuous mode is capable of up to a blazing 10 fps while maintaining focus on the subject thanks to Fast Hybrid AF, producing exciting action sequences with each frame perfectly focused.



# just wait until you get your hands on it



Built-in flash



Fn (Function) button

Mode dial

Control dial

Multi Interface Shoe

## Built-in flash (GN6) for a splash of light

Brighten the scene with this convenient addition. Combined with the high sensitivity of ISO 25600, you'll never miss a shot even when the lights go down. It also produces alluring catch lights for daylight portraits.

## New accessory shoe expands shooting options



Tap into the wide variety of optional accessories with the new Multi Interface Shoe. The NEX-6 system includes external flash units, video lights, adaptors and more—everything you need when it's time to expand.

## Mode dial

Conveniently positioned on top, the mode dial lets you change shooting modes—Superior Auto, P/A/S/M and others—using only your right thumb and without taking your eye from the viewfinder.

## Control dial

Adjust exposure, ISO, white balance and other settings. The control dial is located directly under the mode dial and provides the same easy operation so you can concentrate on the action.

## Fn (Function) button

Adjust the camera without having to dig through menus. Located next to the shutter release, the distinct shape of the Fn button makes it easy to find. Use it during Live View to choose frequently used settings, or to adjust settings in the Quick Navi display, which shows all settings on the LCD screen for smooth DSLR-like operation.



Quick Navi display



Function Menu display



**Built-in, ultra high-resolution electronic viewfinder**

XGA OLED Tru-Finder

Experience for yourself the brightness and clarity that define XGA OLED Tru-Finder™. Boasting 2,359K-dot resolution and outstanding contrast, this superb viewfinder reveals every subtle nuance of a scene with remarkable accuracy, including defocusing effects, so what you see is literally what you get. Fast OLED response virtually eliminates motion blur and residual images when tracking moving subjects or viewing recorded movies. In addition, a digital level gauge displays camera roll (left/right tilt) and pitch (front/back tilt).



**Movie shooting at the press of a button**

When it's time to record movies, simply press the dedicated MOVIE button and you're good to go. Perfectly positioned on the back in the upper right corner, you don't even have to remove your eye from the viewfinder to operate it. When you want to stop recording, simply press again.

**Tilttable LCD screen for the greatest of viewing ease**

Enjoy the clarity of the 3.0" (7.5 cm) 921K-dot LCD screen. Designed to vastly reduce reflections for easy viewing, it delivers rich blacks, brilliant colors and a realism that is nothing short of amazing, all beautifully displayed in any lighting situation. For expanded viewing convenience, the display tilts approx. 90° up and 45° down.

Display vastly reduces reflections

Tilttable display



**Remarkably compact and versatile zoom lens**

What better way to see the world than through Sony's new E PZ 16-50 mm F3.5-5.6 OSS zoom lens. Light and compact, it makes the perfect companion for NEX-6. Featuring power zoom for smooth zooming and a dual-function control ring, which handles both zoom and manual focus, the lens retracts to a mere 29.9 mm when not in use.



# the features of a thoroughbred

AVCHD  
Progressive

Full HD  
1080



Works with  
iMovie



## Full HD movies

Record beautiful movies thanks to the Exmor® APS HD CMOS sensor and fast readout. NEX-6 supports a variety of movie formats, including AVCHD™ Ver. 2.0 at 60p and 60i as well as 24p<sup>3</sup>. Shoot carefree in fully automatic mode

or use P/A/S/M modes when you want maximum control over the look of the movie. In addition, a wide variety of optional A-mount lenses are available to offer aspiring moviemakers all the tools they need to produce stunning cinema<sup>4</sup>.

## Auto Portrait Framing

Give portraits a professional look. NEX-6 automatically crops images while you shoot for the most pleasing look. It also saves the original so you can decide which is best.



## Smile Shutter™/Face Detection

Capture people when they are at their most charming. The camera waits until faces are smiling then automatically takes the shot. Smile detection is adjustable in three levels.

## Creative Style

Six modes give you creative control over the ambience of photos and movies before the shot. Choose from Standard, Vivid, Portrait, Landscape, Sunset or Black & White.



## Soft Skin Effect

Make people look their best by removing unsightly blemishes and wrinkles from faces when you shoot. Softening is restricted to faces and is adjustable in three levels.

## Scene Selection

Take the guesswork out of difficult shots. Simply select from one of eight scenes—including Portrait, Sunset and more—and NEX-6 adjusts settings for optimal results.

## Superior Auto

This convenient mode offers the ultimate in shooting freedom. The camera reads the scene then automatically adjusts settings for superb, hassle-free photos and movies.

## Sweep Panorama™ Mode

Majestic landscapes and cityscapes can now be captured with ease. Just sweep the camera in an arc while shooting and the camera automatically creates a stunning panorama.

## Anti Motion Blur

Sony's compositing technologies decrease blur when capturing scenes in which subject-motion blur can occur, such as in dimly lit settings or when shooting at telephoto focal lengths.

## Picture Effect



HDR Painting



Miniature



Soft Focus



Partial Color (Green)

## Picture Effect

Creativity comes easy with NEX-6 thanks to Picture Effect. 11 modes with 15 total effects—such as Partial Color, Posterization, Toy Camera, High Contrast Monochrome, HDR Painting and more—give you the means to transform everyday photos

into impressive works of art. As you apply effects, results are shown in real-time on the LCD screen\*.

\* The following modes are not displayed in real-time and cannot be applied to movies: HDR Painting, Rich-tone Monochrome, Soft Focus and Miniature.

## Clear Image Zoom

Digitally increase the focal length of lenses by 2x without markedly sacrificing image quality. This is like having another lens, providing extra reach when shooting distant subjects.

## Auto HDR

Eliminate blocked shadows and blown highlights in contrasty scenes. The camera takes three shots at different exposures then composites them for photos that closely resemble what your eyes see.

## D-Range Optimizer (DRO)

DRO is another way to tame contrasty scenes for more natural looking images. Unlike Auto HDR, which requires stationary subjects, DRO can be used when photographing moving subjects, even during high-speed continuous shooting.

## MF Assist

Always be assured of sharp images when focusing manually. This magnifies the area of the composition on which focus is being performed by 4.8x or 9.6x—ideal when shooting close-ups or at wide apertures.



MF Assist on  
(4.8x magnification)



Resulting photo

## Peaking function

See at a glance whether your subject is in focus with the Peaking function. A highlight appears over the area of the composition that is in focus for instant confirmation.



Peaking function on

## Long-life battery



Shoot up to 330 images\* on a single charge. The durable battery means less worry when shooting for extended periods, such as when touring or at lengthy events, and provides long movie recording and playback times.



\* CIPA standard. See [www.store.sony.com](http://www.store.sony.com) for details.

## Anti-dust system

NEX-6's advanced ultrasonic vibration system removes dust from the sensor that can cause spots on images. The system automatically activates when the camera is turned off.

## Micro USB terminal

Charge the battery without removing it from the camera. Just connect to a PC via the included micro USB cable.



## Multi memory card support

For added storage capability and convenience, NEX-6's memory card slot supports a variety of media, including high-capacity Sony Memory Stick Pro-HG Duo™\* and SDXC memory cards\*.

\* Sold separately

# wi-fi networking, ingenious apps



## Wi-Fi connectivity with mobile devices and more

Built-in Wi-Fi lets you view photos on just about any wireless-compatible device. For smartphones and tablet PCs, simply install PlayMemories Mobile™5—a free mobile app—and transfer photos directly from the camera. You can also connect wirelessly to compatible wide-screen TVs to view photos, using the camera as a remote control. And when it's time to download photos and movies to a PC on which PlayMemories Home™5 is installed, do it wirelessly without bothering with cables.

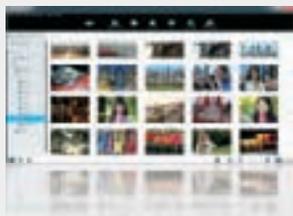


## PlayMemories for heightened enjoyment after the shot

### PlayMemories Home™



Easy-to-use image management software installs onto Windows® PCs. Use it to download, view, edit, print and share photos and movies.



### PlayMemories Studio™



Feature-packed image management software for PS3™ users. Edit and view photos and movies as well as play captivating slideshows with sound.



### PlayMemories Online™



A fun image sharing service for both photos and movies. Uploaded images can be viewed on PCs, mobile devices, compatible BRAVIA® TVs and other devices.



### PlayMemories Mobile™



Transfer photos to your smartphone or tablet PC via Wi-Fi with this free mobile application. Available for both Apple iOS and Android™ devices.



Note: Availability of each software service varies according to country or region.

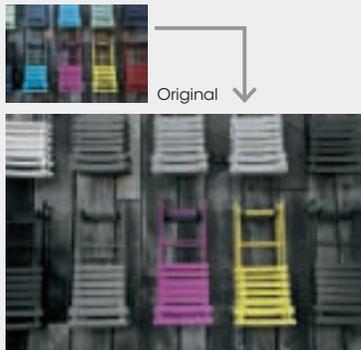
## PlayMemories Camera Apps™ Service\*

An exciting new application download service, PlayMemories Camera Apps lets you personalize NEX-6 by adding new functions to the camera's existing feature-set. Like a new lens or system accessory, six optional applications—with more available in the future—give you freedom to heighten photographic expression according to your own creative needs<sup>2</sup>.

\* [www.sony.net/pmca](http://www.sony.net/pmca) Requires a valid Sony Entertainment Network account.

### Picture Effect+

Vastly expand artistic possibilities with six new Picture Effect modes: Partial Color+ (now with the ability to highlight two colors and their similar hues), Watercolor, Illustration, Soft High-Key+, Miniature+ and Toy Camera+.



Partial Color+



Watercolor



Illustration

Note: Release dates of applications vary.

### Direct Upload

Upload photos via Wi-Fi directly from NEX-6 to networking services like PlayMemories Online™ and Facebook®, with more services available in the future.

Note: Availability of compatible services may vary.



### Smart Remote Control\*

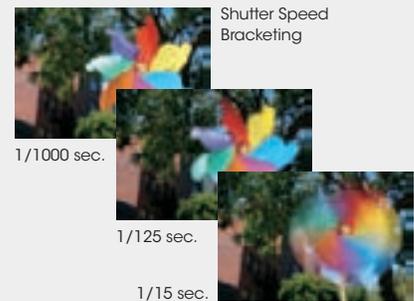
Check framing and adjust exposure then release the shutter using your smartphone. This is ideal for group shots or when shooting with a tripod. After the shot, photos will be automatically sent to your smartphone.

\* PlayMemories Mobile™ must be installed on the mobile device.



### Bracket Pro

For best results in challenging shooting situations, automatically take three shots of the scene at different shutter speeds, aperture settings or focus points. You can even take one shot with flash and one without.



### Multi Frame NR

Equips NEX-6 with Multi Frame NR to vastly reduce noise when shooting in dimly lit environments.

### Photo Retouch

A variety of editing tools help you bring out the best in photos: Framing (which suggests more pleasing framing options for photos with people), Brightness Control, Horizontal Adjustment, Soft Skin Effect and Resize.



Framing

# go as far as your imagination will take you

## Lenses



**NEW**  
**E PZ 16-50 mm**  
**F3.5-5.6 OSS**  
 (SELP1650)



**NEW**  
**E 10-18 mm**  
**F4 OSS**  
 (SEL1018)



**NEW**  
**E 35 mm**  
**F1.8 OSS**  
 (SEL35F18)



**E 18-55 mm F3.5-5.6 OSS**  
 (SEL1855)



**E 18-200 mm F3.5-6.3 OSS**  
 (SEL18200)



**E 18-200 mm F3.5-6.3 OSS LE**  
 (SEL18200LE)



**E 55-210 mm F4.5-6.3 OSS**  
 (SEL55210)



**E 16 mm F2.8**  
 (SEL16F28)



**Fisheye Converter**  
 (VCL-ECF1)



**Ultra Wide Converter**  
 (VCL-ECU1)



**E 30 mm F3.5 Macro**  
 (SEL30M35)



**E 50 mm F1.8 OSS**  
 (SEL50F18)



**Sonnar T\***  
**E 24 mm F1.8 ZA**  
 (SEL24F18Z)



**Mount Adaptor**  
**LA-EA2**



### Expanded lens options

When creativity urges you higher, take advantage of the full-range of Sony lenses. Lightweight E-mount lenses provide the ultimate in shooting freedom while premium Sony A-mount lenses\*—from fisheye and wide-angle to super telephoto and macro—provide the means for unlimited photographic expression.



\* Require optional Mount Adaptor LA-EA2 or LA-EA1.

## New accessory shoe system

**Flash HVL-F60M**  
Multi Interface Shoe

**Flash HVL-F43AM**  
Macro Twin Flash Kit HVL-MT24AM

**Flash HVL-F20AM**  
Sync Terminal Adaptor FA-ST1AM

**Auto-lock Accessory Shoe**

**Shoe Adaptor ADP-MAA**  
Multi Interface Shoe

**Ring Light HVL-RL1**

**Battery Video Light HVL-LE1**  
LED

**Clip-on LCD Monitor CLM-V55**

**Accessory Shoe**

**Multi Interface Shoe**

\* Sony accessories for the Accessory Shoe can also be attached.

## Accessories

**NEW Soft Carrying Case LCS-SL20**

**NEW Soft Carrying Case LCS-SL10**

**NEW Soft Carrying Case LCS-ELC6**  
Genuine Leather

**NEW Soft Carrying Case LCS-EJA**

**Soft Carrying Case LCS-EJC3**

**Shoulder Strap STP-XH1**

**Wrist Strap STP-WS2**

**Multipod VCT-MP1**

**NEW Remote Commander RMT-DSLR2**

**NEW Shoe Cap FA-SHC1M**

**Eyepiece Cup FDA-EP10**

**Screen Protector Semi Hard Sheet PCK-LM1EA**

**Rechargeable Battery Pack NP-FW50**

**Battery Charger BC-VW1**

**USB AC Adaptor\* AC-UD10 (100V-240V)**  
\* Charging only

**AC Adaptor AC-PW20 (100V-240V)**

**Rear Lens Cap/Body Cap ALC-R1EM/ALC-B1EM**  
E-mount

**MC Protector VF-49MPAM, VF-62MPAM, VF-67MPAM**

**Circular PL Filter VF-49CPAM, VF-62CPAM, VF-67CPAM**

**ND Filter VF-49NDAM, VF-62NDAM, VF-67NDAM**

**ZEISS T\***

## Controls

**Microphones**

**Remote sensor AF illuminator/Self-timer lamp/Smile Shutter lamp**

**Lens release button**

**Hook for shoulder strap**

**Charge lamp**

**Micro USB terminal**

**HDMI terminal**

**ON/OFF (Power) switch**

**Shutter button**

**Fn (Function) button**

**Multi Interface Shoe**

**Flash**

**Control dial**

**Mode dial**

**Access lamp**

**Tripod socket hole**

**Battery/Memory card cover**

**Dioptr adjustment dial**

**Viewfinder**

**Playback button**

**AEL button**

**MOVIE button**

**LCD screen**

**Flash pop-up button**

**Control wheel**

**Soft keys**

## Number of recordable still images

Image quality mode*	Capacity				
	4 GB	8 GB	16 GB	32 GB	64 GB
Standard	820	1650	3350	6700	13000
Fine	590	1150	2400	4800	9600
RAW & JPEG	160	320	640	1300	2600
RAW	215	440	880	1750	3550

\* Image size L 16M, aspect ratio 3:2

\* Actual number of images may be less than indicated above depending on shooting conditions.

## Recording time for movies

Recording setting	Capacity				
	4 GB	8 GB	16 GB	32 GB	64 GB
60i 24M (FX)	20m	40m	1 h 30m	3 h 00m	6 h 00m
60i 17M (FH)	30m	1 h 00m	2 h 00m	4 h 05m	8 h 15m
60p 28M (PS)	15m	35m	1 h 15m	2 h 30m	5 h 05m
24p 24M (FX)	20m	40m	1 h 30m	3 h 00m	6 h 00m
24p 17M (FH)	30m	1 h 00m	2 h 00m	4 h 05m	8 h 15m
1440 x 1080 12M	40m	1 h 20m	2 h 45m	5 h 30m	11 h 05m
YGA 3M	2 h 25m	4 h 55m	10 h 00m	20 h 05m	40 h 15m

\* Recommended memory cards for movies: Memory Stick PRO Duo™, Memory Stick PRO-HG Duo™, SD/SDHC/SDXC memory cards (Class 4 or better).

\* Each time indicated above shows the approximate maximum recordable time of all movie files.

\* Maximum movie file size is approx. 2 GB.

\* Maximum continuous shooting time is approx. 29 minutes.

# Main specifications

## NEX-6

General	
Camera type	Interchangeable-lens digital camera with built-in flash
Lens compatibility	Sony E-mount lenses
Image sensor	
Type	APS-C size (23.5 x 15.6 mm) Exmor® APS HD CMOS sensor with primary color filters
Number of pixels (approx.)	16.1 megapixels (effective), 16.7 megapixels (total)
Image sensor aspect ratio	3:2
Anti-dust system	Charge protection coating on filter and ultrasonic vibration mechanism
Recording system (still image)	
Recording format	JPEG (DCF Ver. 2.0, Exif Ver. 2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format)
Image size (pixels)	3:2 aspect ratio L: 4912 x 3264 (1.6M), M: 3568 x 2368 (8.4M), S: 2448 x 1624 (4M)
	16:9 aspect ratio L: 4912 x 2760 (1.4M), M: 3568 x 2000 (7.1M), S: 2448 x 1376 (3.4M)
Image quality modes	RAW, RAW & JPEG, JPEG Fine, JPEG Standard
Picture Effect	11 modes (15 effects): Posterization (Color, B/W), Pop Color, Retro Photo, Partial Color (R,G,B,Y), High Contrast Mono, Toy Camera, Soft High-key, Soft Focus, HDR Painting, Rich-tone Mono, Miniature
Creative Style	Standard, Vivid, Portrait, Landscape, Sunset, B/W (Contrast -3 to +3 steps, Saturation -3 to +3 steps, Sharpness -3 to +3 steps)
Dynamic range functions	Off, Dynamic Range Optimizer (Auto/Level), Auto High Dynamic Range: Off, Auto Exposure Difference, Exposure Difference Level (1.0-6.0 EV, 1.0 EV step)
Color space	sRGB, Adobe RGB
Recording system (movie)	
Recording format	AVCHD™/MP4
Video compression	MPEG-4 AVC (H.264)
Audio recording format	Dolby Digital (AC-3)/MPEG-4 AAC-LC, 2ch
Image size (pixels)	1080 60i compatible device
Media	AVCHD™: 1920 x 1080 (60p/28 Mbps/PS, 60i/24 Mbps/FX, 60i/17 Mbps/FH, 24p/24 Mbps/FX, 24p/17 Mbps/FH) MP4: 1440 x 1080 (30 fps/12 Mbps), 640 x 480 (30 fps/3 Mbps)
Media	Memory Stick PRO Duo™, Memory Stick PRO-HG Duo™, SD memory card, SDHC memory card, SDXC memory card
Slot	Multi-media compatibility with Memory Stick Duo and SD memory cards
Noise reduction	
Modes	Long exposure NR: On/Off, available at shutter speeds longer than 1 sec., High ISO NR: High/Normal/Low
White balance	
Modes	Auto WB, Daylight, Shade, Cloudy, Incandescent, Fluorescent, Flash, C, Temp 2500 to 9900K, C. Filter (G7 to M7 1/5-step, A7 to B7 1/5-step), Custom
AWB micro adjustment	G7 to M7 1/5-step, A7 to B7 1/5-step
Focus system	
Type	Fast Hybrid AF (phase-detection AF/contrast-detection AF)
Focus point	99 points (phase-detection AF), 25 points (contrast-detection AF)
Sensitivity range	EV 0 to EV 20 (at ISO 100 equivalent with F2.8 lens attached)
Focus modes	Autofocus, DMF (Direct Manual Focus), Manual Focus
AF modes	AF-S: Single-shot AF, AF-C: Continuous AF
Focus area	Multi Point AF (99 points for phase-detection AF, 25 points for contrast-detection AF), Center-weighted, Flexible Spot
Other features	Tracking focus, Predictive control, Focus lock, AF micro adjustment, Eye-start AF (only available with optional LA-EA2 and FDA-EV1S attached)
AF illuminator	Built-in LED
AF illuminator range (approx.)	0.5-3.0 m (approx., with E 18-55 mm F3.5-5.6 OSS attached)
Exposure control	
Metering type	1200-zone evaluative metering
Metering sensor	Exmor® APS HD CMOS sensor
Metering sensitivity	EV 0 to EV 20 (at ISO 100 equivalent with F2.8 lens attached)
Metering modes	Multi-segment, Center-weighted, Spot
Exposure modes	iAUTO, Superior Auto, Programmed AE (P), Aperture priority (A), Shutter-speed priority (S), Manual (M), Sweep Panorama™ Mode, Scene Selection
Scene Selection	Portrait, Landscape, Macro, Sports Action, Sunset, Night Portrait, Night Scene, Hand-held Twilight, Anti Motion Blur
Exposure compensation	+/- 3 EV (in 0.3 EV steps)
Bracketing	1/3, 2/3, 1, 2 and 3 EV increments, 3 frames
AE lock	Locked when shutter button is pressed halfway. Can be disabled from the Menu.
AEI button	Can be programmed to toggle AE lock on/off, or lock current exposure while pressed.
ISO sensitivity (Recommended Exposure Index)	Still images: ISO 100-25600, AUTO (ISO 100-3200), Movies: ISO 100-6400 equivalent, AUTO (ISO 100-3200 equivalent)
Viewfinder	
Type	XGA OLED, 0.5" (1.3 cm) electronic viewfinder
Total number of dots	2,359,296 dots
Brightness control	Auto/Manual (3 steps between -1 and +1)
Field coverage	100%
Magnification	Approx. 1.09x (with 50 mm lens at infinity, -1 m-1)
Dioptr adjustment	-4.0 m-1 - +1.0 m-1
Eye point	Approx. 23 mm from the eyepiece lens, 21 mm from the eyepiece frame at -1 m-1 diopter (CIPA standard)
Display	Disp. Basic Info, Level, Histogram
Real-time image adjustment display	Exposure Comp., White Balance, Creative Style
LCD screen	
Type	3.0" (7.5 cm) wide type TFT (Ultra Fine LCD™)
Touch panel	Yes, pressure-sensitive type
Number of dots (total)	921,600 dots
Brightness control	Manual (5 steps between -2 and +2), Sunny Weather mode
Field Coverage	100%
Adjustable angle	Up approx. 180 degrees, down approx. 50 degrees
Display contents	Graphic Display, Display All Info, Big Font Size Disp., No Disp. Info, Histogram, For Viewfinder
Focus check	MF Assist (4.8x, 9.5x) Peaking (Level: High/Mid/Low/Off, Color: White/Red/Yellow)

## System requirements of bundled software

	Image Data Converter Ver. 4	PlayMemories Home™
OS*	Microsoft Windows® Windows® XP** SP3, Windows Vista® SP2, Windows 7 SP1	Macintosh Mac OS® X (10.5-10.8)
CPU	Pentium 4 or faster	Intel Core Solo/Core Duo/Core 2 Duo or faster
Memory	1 GB or more	1 GB or more
		512 MB or more; for playing/editing HD movies: 1 GB or more

The computer environment must also satisfy the operating requirements of the OS.

\* Must be installed with the above OS at delivery. Proper operation cannot be guaranteed with an upgraded OS environment.  
\*\* 64-bit and Starter Editions are not supported. The Windows Image Mastering API (IMAPI) Ver. 2.0 or later is required to use the function for creating discs.

Face Detection	
Modes	On, Off, Face Registration, Face Selection; max. eight faces detected
Other features	
	Auto Portrait Framing, Smile Shutter™ (3 steps)
Clear Image Zoom	
Still Images	Approx. 2x
Digital zoom	
Digital Zoom (still images)	Approx. 4x
Smart Zoom (still images)	Approx. 1.4x/2x
Digital Zoom (movies)	Approx. 4x
Shutter	
Type	Electronically controlled, vertical-traverse, focal-plane type
Shutter speed	Still images: 1/4000 to 30 sec., Bulb, Movies: 1/4000 to 1/4 (1/3 step), up to 1/60 in AUTO mode, up to 1/30 in Auto Slow Shutter mode
Flash sync. speed	1/160 sec.
Electronic front shutter curtain	Yes, On/Off
SteadyShot INSIDE™ (image stabilization)	
Type	Not supported (image stabilization supported by lens)
Flash	
Type	Built-in flash
Guide No.	6 (in meters at ISO 100 equivalent)
Flash coverage	16 mm (focal-length printed on the lens body)
Control	Pre-flash TTL
Flash compensation	+/- 2 EV in 0.3 EV steps
Flash modes	Flash off, Autoflash, Fill-flash, Slow Sync., Rear Sync.
Recycling time	Approx. 4 sec.
External flash	Sony α System Flash (compatible with Multi Interface Shoe and Auto-lock Accessory Shoe with optional Shoe Adaptor ADP-MAA)
Wireless control	Supported on external flash
Drive	
Modes	Single-shot, Continuous, Speed Priority Continuous, Self-timer (10/2 sec. delay), Self-timer (Cont.) (10 sec. delay; 3/5 exposures), Bracketing, Remote Cdr (with RMT-DSLR2; sold separately)
Speed (max.)*	Continuous mode: 3 fps, Speed Priority Continuous mode: Up to 10 fps
No. of recordable frames in Continuous drive mode (Hi)*	Fine: 15 frames, Standard: 16 frames, RAW: 11 frames, RAW & JPG: 10 frames * Approximate. May vary depending on shooting conditions and media.
Playback	
Modes	Single (with or without shooting information, RGB histogram, and highlight/shadow warning), 6/12-frame index view, Enlarged display mode (L: 14x, M: 11x, S: 7.3x), Panorama (Standard): 24x, Panorama (Wide): 34x, Auto Review (10/5/2 sec., Off), Image orientation (On/Off), Slideshow, Panorama scrolling, Folder selection (Still), Forward/Rewind (movie), Delete, Protect
Wi-Fi	
Playback on smartphone	Yes
Upload to PC	Yes
Playback on TV	Yes
PlayMemories Camera Apps™	Yes
Interface	
PC interface	Hi-speed USB (USB 2.0); Mass-storage, MTP
HD output	HDMI™ mini connector (Type-C), BRAVIA™ Sync (link menu), PhotoTV HD
Multi Interface Shoe	Yes (Sony accessories for the Accessory Shoe can also be attached.)
Auto-lock Accessory Shoe	Yes (requires optional Shoe Adaptor ADP-MAA)
Compatible OS* (USB connection)	Windows XP*** SP3, Windows Vista™ SP2, Windows 7 SP1, Mac OS® X (10.3-10.8) * Must be installed with the above OS at delivery. Proper operation cannot be guaranteed with the upgraded OS environment. ** 64-bit and Starter Editions are not supported. The Windows Image Mastering API (IMAPI) Ver. 2.0 or later is required to use the function for creating discs.
Audio	
Microphone	Built-in stereo microphone
Speaker	Built-in monoaural; volume setting in 8 steps
Print	
Compatible standards	Exif Print, Print Image Matching III, DPOF setting
Custom function	
Type	Custom key settings
Power	
Battery	Rechargeable Battery Pack NP-FW50
Still images	Approx. 270 images with viewfinder and approx. 360 images with LCD screen (CIPA standard)
Movies	Approx. 90 minutes with viewfinder and approx. 100 minutes with LCD screen (1920 x 1080, approx. 17 Mbps)
Internal battery charge	Micro USB type B
External power	AC Adaptor AC-PW20 (optional)
Weight	
With battery and Memory Stick PRO Duo™	Approx. 12.2 oz (345 g)
Body only	Approx. 10.1 oz (287 g)
Dimensions	
W x H x D (excluding protrusions)	Approx. 4 3/4 x 2 3/4 x 1 1/16 in. (119.9 x 66.9 x 42.6 mm)
Operating temperature	
Range	32-104°F/0-40°C

Specifications and features are based on information available at the time of printing and are subject to change without notice.

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## Sony World Photography Awards

For more details, visit [www.worldphoto.org](http://www.worldphoto.org)

- Effective pixels (approx.)
- PlayMemories camera app requires download with existing Sony Entertainment Network account. Download available in all countries/areas where Sony Entertainment Network is available.
- 1080 60i devices.
- Attaching Sony A-mount lens requires LA-EA1 or LA-EA2 adaptor (both sold separately). Autofocus available with SSM and SAM series lenses.
- Requires an active 802.11 Wi-Fi network (802.11n recommended) or PlayMemories Mobile™ app installed on compatible Android™ or iOS device.