<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tr>
<td><strong>Main specifications of α6400</strong></td>
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<tr>
<td><strong>Exmor CMOS sensor</strong></td>
<td>Approx. 25.0 megapixels</td>
</tr>
<tr>
<td><strong>Image</strong></td>
<td>Approx. 24.2 megapixels</td>
</tr>
<tr>
<td><strong>Total number of dots</strong></td>
<td>(approx.)</td>
</tr>
<tr>
<td><strong>Lens mount</strong></td>
<td>16:9 aspect ratio</td>
</tr>
<tr>
<td><strong>Viewfinder</strong></td>
<td>XGA OLED, 1.0cm (0.39 type) electronic viewfinder (color)</td>
</tr>
<tr>
<td><strong>Auto Object Framing</strong></td>
<td></td>
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<tr>
<td><strong>Real-time image-adjustment display</strong></td>
<td></td>
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<td><strong>Image</strong></td>
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<tr>
<td><strong>Recording Format</strong></td>
<td>XAVC S HD/XAVC S 4K), Forward/Rewind (movie), Delete, Protect, Rating, Disp Cont Shoot Grp (Cont.), Bracket: Single, Bracket: Cont., White Balance bracket, DRO bracket (On/Off) , Face registration (Max. number of detectable faces: 8)</td>
</tr>
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</table>
Grab the best of life.

Despite its compact size and light weight, the smart, new-era α6400 delivers the speedy performance and intelligent features that you’d expect from a full-frame model. Whether it’s for still shots or movies, creative compositions or everyday selfie shots, you’ll enjoy beautiful images that you’ll want to share. Super-fast AF and highly precise subject tracking make it ideal for capturing fast-moving action, while its wide sensitivity range and stunning image quality make it perfect for just about any photographic opportunity you may encounter.
Precision focus and speedy autofocus response are the keys to both exciting action shots and captivating portraits. The α6400’s new-generation, AI-assisted AF and tracking systems reliably deliver.

Focus on the eyes

The Real-time Eye AF feature helps you take better portrait shots by automatically recognising and focusing on the eyes of your subjects when you half-press the shutter. The camera maintains a stable focus even when part of the face is hidden, the face is backlit or the subject is facing downwards, and when AF-C is set it can keep tracking the eyes even when the subject is moving. For greater flexibility in your photo’s composition, you can specify either the left eye, the right eye, or auto.

* Real-time Eye AF may not work as well as intended, depending on type of shooting scene and conditions.

Freeze the moment

The camera’s Fast Hybrid AF system combines the best of phase-detection AF and contrast-detection AF to achieve highly accurate target acquisition and phenomenally fast 0.02-second AF speed. The AF sensor draws on technology inherited from Sony’s full-frame cameras, using 425 phase-detection points that are widely and densely spread across the focus area, along with 425 contrast-detection points for increased detection accuracy.

* Based on Sony research, measured using CIPA-compliant guidelines, and internal measurement method with a 16-50mm OSS lens mounted, Pre-AF off and viewfinder in use.

Never miss, with powerful continuous shooting

Never miss a moment of the action thanks to fast internal processing and high-capacity buffer memory. Fire off shots at up to 11fps† with minimal display lag (up to 8fps‡ with AF/AE tracking in silent mode), and take up to 116 shots in JPEG (Standard) in one continuous burst.

*1 In “Hi” mode. Maximum fps will depend on camera settings.
*2 Maximum fps will depend on camera settings. Some distortion may occur with fast moving subjects or if the camera is moved sideways rapidly while shooting.
*3 With “Hi” continuous shooting mode. Sony internal measurement.

Keep track of the action

Real-time Tracking uses a smart new subject recognition algorithm to acquire and persistently track your subject in real-time by processing spatial information based on colour, pattern and subject distance, and AI information based on face and eye data. Because you can select any subject to be tracked while the shutter button is half-pressed, you can concentrate on composing your shot, with more flexibility in framing. Focus and tracking can also be initiated for any subject visible in the monitor by simply touching the target subject on the monitor.

* Tracking must be enabled via the menu beforehand.

Hold onto your subject

* "Tracking" must be enabled via the menu beforehand.
Thanks to the camera’s large APS-C-size sensor working with the latest image-processing technology, you can confidently shoot the scenes you come across in your everyday life – from cityscapes and sunsets to portraits and self-portraits. You’ll be assured of natural, lifelike colours and detailed textures – images that remain crisp and clear even when shot in dim light.

Standard ISO covers the range from ISO 100 to 32000 (expandable up to ISO 102400 when shooting still images), with excellent noise reduction at medium and high sensitivities. Improvements in Detail Reproduction Technology and Area-specific Noise Reduction contribute to better texture reproduction, while enhancements to the image-processing algorithm result in improved skin tones in portraits.

The APS-C Exmor™ CMOS image sensor, with approx. 24.2 effective megapixels, works with a front-end LSI supporting the new-generation BIONZ X™ image processing engine to achieve improved processing speeds up to 1.8 times* as fast as previously.

No. 1 image sensor manufacturer for digital cameras and video recorders. Based on Sony research – April 2017 to March 2018. (over 50% market share).

* Compared to 24000 in Sony research.
Make great-looking movies

Clear, beautiful-looking movies and vlogs can be yours thanks to the α6400’s smart, reliable AF system, its high-resolution 4K recording capabilities and its array of helpful movie-making features.

Leave focus up to the camera

Enhanced Fast Hybrid AF works reliably to keep your main subject in constant smooth focus, so you can concentrate on movie-making or vlogging without worrying about poor focus ruining your movie. Effective use of the focal plane phase-detection system results in more stable AF, and sharp focus can be maintained even when something crosses in front of the main subject.

You can adjust AF tracking sensitivity for either stable focus or responsive refocusing, depending on the nature of the scene, and Touch Tracking* lets you initiate tracking of a moving subject simply by touching the LCD screen.

Stunning clarity with 4K HDR (HLG) movie recording**

To give your movies more realistic depth and better overall image quality, 4K movie recording* with full pixel readout and no pixel binning enables oversampling with approx. 2.4X*3 as much information as is required for 4K (QFHD: 3840 x 2160), adding up to the equivalent of 6K. The maximum native ISO sensitivity has been increased to ISO 32000, HLG profiles*2 are available, and the camera’s improved noise suppression helps produce cleaner, clearer images even in dark settings.

*1. A Class 10 or higher SDHC/SDXC card is required for XAVC S format movie recording. UHS speed Class 3 or higher is required for 100 Mbps recording.

*2. Connect this product to an HDR (HLG) compatible Sony TV via a USB cable when displaying HDR (HLG) movies.

*3. 24p recording. Approx. 1.6 times for 30p recording.

Rely on sophisticated features for better movie-making

- S-Gamut3.Cine/S-Log3
- Gamma Display Assist to allow monitoring of natural-looking footage*
- Slow & Quick Motion*
- Proxy recording for easier preview and pre-editing

*1. S-Log2 and S-Log3 (with 14-stop latitude) Gamma curves
*2. Gamma Display Assist function is not available for monitoring on external displays and television sets.
*3. Sound recording is not possible. A Class 10 or above SDHC/SDXC card is required.

Produce evocative time-lapse movies

Interval recording can now be performed within the camera, and the resulting still images can be edited into a time-lapse movie on a computer using the latest version of Imaging Edge® “Viewer” and PlayMemories Home™. A mobile battery for USB power supply can enable worry-free outdoor and/or extended shooting.

Workflow: Creating a time-lapse movie

Camera: Interval recording and preview

Computer: Select images and produce movie

Vlog your world and explore your creativity

The camera’s 180°-tiltable LCD monitor helps when you’re framing your vlog movies, and you can add creative touches with Slow & Quick Motion™ recording or high-quality super-slow-motion footage in XAVC S format.* For sound recording, besides a built-in external microphone jack there is also an optional XLR adaptor (sold separately) to connect pro-level microphones to give you better audio quality.

*1. Sound recording is not possible. A Class 10 or above SDHC/SDXC card is required.

*2. A Class 10 or higher SDHC/SDXC card is required for XAVC S format movie recording. UHS speed Class 3 or higher is required for 100 Mbps recording.

Imaging Edge applications

The Imaging Edge applications help you raise your photography to the next level while making day-to-day operations more convenient. “Remote” and “Viewer” give you remote control and monitoring ability from your PC screen as well as preview, rating and selection features you can use with large image libraries. And “Edit” provides RAW editing functions to turn Sony RAW files into high-quality photos for delivery. “Imaging Edge Mobile” enables remote control and file transfer* including 4K movies*.

*1. Availability of transfer / playback depends on the performance of the smartphone.

*2. A Class 10 or higher SDHC/SDXC card is required for XAVC S format movie recording. UHS speed Class 3 or higher is required for 100 Mbps recording.
Adapt to your shooting style

The α6400 is designed to give you greater control when you’re shooting and better customisation to your shooting style.

Enjoy simple, convenient shooting

A high-contrast OLED viewfinder and high-resolution LCD monitor enable clear viewing, and the monitor tilts a full 180° upwards to help you frame selfie shots and vlog sessions. The monitor’s Touch Focus, Touch Shutter, Touch Pad and Touch Tracking functions give you intuitive, fingertip control over common operations.

Customise your camera

The camera’s eight keys and controls can be custom-assigned to commonly used functions, with a new intuitive graphic display to help you keep track. Functions can also be assigned to the control dial and wheel with the new My Dial feature, while My Menu allows the flexible assignment of 30 menu items.

Share stills and movies more easily

Built-in Wi-Fi® means you can send stills or movies directly to a smartphone or tablet, for instant sharing on social media. Connect to NFC™-enabled devices with a single touch, or use a QR code for other devices.

When paired with the new Imaging Edge Mobile app you can record location data from the mobile device onto the images.

*1. The most recent version is required.
*2. Can be connected via Bluetooth with smartphones featuring (as of the date of release): Android (Android 6.0 or later, Bluetooth 4.0 or later), iOS (iOS 11.4 or later, Bluetooth 4.0 or later)
*3. With the electronic front curtain shutter, under internal test conditions of Sony.
*4. Not guaranteed to be 100% dust and moisture proof.

Take advantage of versatile features

- Rating function
- Protect function
- Tethered shooting
- AWB Lock function
- Power supply via USB
- Durability for up to 200,000 shutter cycles
- Dust- and moisture-resistant
- Magnesium alloy covers (front and top)

Explore more

Take a look at the camera’s lenses and accessories and explore the camera’s controls.

Lenses

- E 10-18mm F4 OSS (SEL1018)
- E 55-210mm F4.5-6.3 OSS (SEL55210)
- Vario-Tessar T* E 16-70mm F4 ZA OSS (SEL1670Z)
- FE 70-200mm F4 G OSS (SEL70200G)
- FE 70-300mm F4.5-5.6 G OSS (SEL70300G)

Accessories

Rechargeable Battery Pack NP-FW50
Battery Charger BC-TRW
Remote Control GP-VPT1
XLR Adaptor Kit XLR-K2M

Controls