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Taking smartphone cameras to the extreme: Sony's New Xperia XZ2 Premium with ultra-high sensitivity dual camera, 4K HDR movie recording and display

- **World's highest ISO sensitivity video recording in a smartphoneⁱ, 12800 for video and 51200 for photos with bright live view-finder**
- **Lens to screen – The world's only smartphone with 4K HDR Movie recording and 4K HDR displayⁱ so you can capture stunning 4K HDR movies and play them back directly in the palm of your hand**

London, 16th April 2018 – Sony Mobile continues to excel in its innovation prowess with the new [Xperia XZ2 Premium](#) which has [one of the most remarkable cameras ever made in a smartphone](#). It boasts the world's highest ISO 12800 sensitivity for video recording in a smartphone, as well as ultra-high sensitivity 51200 for photosⁱⁱ, enabling ultra low light capture previously only seen in interchangeable lens cameras and with a bright live view-finder. It's all thanks to the new dual sensor system in the Motion Eye™ Dual camera and AUBE™ fusion image signal processor to capture more than the human eye can see. With XZ2 Premium you can also film like the pros using its 4K HDR Movie recording and play it back in the palm of your hand on the 4K HDR display, showcasing your favourite moments in crystal-clear detail and eye-popping colour and contrast. It's the only smartphone to bring you true professional camera quality plus a premium entertainment experience, all [powered by the ultimate in processing power with Qualcomm® Snapdragon™ 845](#).

Unprecedented camera capabilities

XZ2 Premium is the first ever smartphone to feature the new Motion Eye™ Dual camera, consisting of a black and white sensor for capturing clear contrast and the colour image sensor for accurate colouring in. Detail from both sensors is

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then processed by the AUBE™ fusion image signal processor in real time, enabling video recording with the highest ISO12800 sensitivity ever in a smartphone as well as ultra sensitive ISO51200 for photos. Its ultra sensitivity with clean, noise-less images was previously only possible in interchangeable lens cameras – with this new addition to the flagship family Xperia brings this advanced technology to the palm of your hand.

With the Motion Eye™ Dual camera you can also express your artistic side - select Bokehⁱⁱⁱ and see your shooting subject stand out from a defocused background and take timeless photos in monochrome with a smooth gradation between black and white. Its low light capability as well as artistic effects are available with live view-finder for an accurate reflection of your shooting subject.

Motion Eye™ Dual camera also brings more professional features such as 4K HDR Movie recording so you can capture reality in incredible detail and true to life colour. Plus you can record 960fps Super slow motion in HD or Full HD to make the most dramatic videos from passing moments with our state of the art memory-stacked image sensor. XZ2 Premium also offers one of the best front-facing cameras on a smartphone, with its 13MP, 1/3.06" low-light sensor and display flash you'll get outstanding selfies in any light.

Immersive viewing

Xperia XZ2 Premium has the ultimate display for a premium viewing experience with a huge spec consisting of 5.8" 4K HDR that's 11% larger and 30% brighter than our previous 4K HDR display, so you can immerse yourself in your favourite movies and content in crystal-clear detail and eye-popping colour. Thanks to this display you can enjoy your very own 4K HDR content as it's [the only smartphone capable of both creating and viewing 4K HDR](#). Plus whether you're watching a big blockbuster or a video on YouTube, XZ2 Premium uses Sony's BRAVIA® TV technology, X-Reality™ for mobile, to up-convert content to near High Dynamic Range (HDR) for more cinematic contrast, colour and clarity.

Not only can you see your movies with powerful realism you can even feel them thanks to Sony's brand new Dynamic Vibration System which analyses audio data and lets you feel the action in your hands, bringing your movies, games

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and videos to life. XZ2 Premium creates a cinema-like audio effect when you're sharing your favourite videos with your friends thanks to its powerful front facing stereo speakers. Featuring S-Force Front Surround, they're our loudest Xperia speakers ever. Plus Sony's audio expertise as always enables [sound enhancing technologies for Xperia such Hi-res Audio, DSHEE HX and LDAC](#).

Sophisticated design

XZ2 Premium's cutting edge technology is [packed into a fluid and elegant design](#). It has a 3D glass surface which surrounds the exterior, creating a seamless finish that's comfortable to hold and easy to carry. With an exclusive glass and metal finish, it not only looks beautiful with a premium feel but is designed to be durable thanks to Corning® Gorilla® Glass 5 on both sides. Certified IP65/IP68^{iv}, XZ2 Premium is also designed to withstand splashes and spills. It will be available in two contemporary colour finishes, Chrome Black and Chrome Silver.

Ultimate Performance to the Extreme

Enjoy industry-leading performance with the cutting-edge Qualcomm® Snapdragon™ 845 Mobile Platform, with X20 LTE you get immersive user experiences at lightning-fast connection speeds (up to 1.2Gbps) with the second generation Gigabit LTE solution. For additional speed and efficiency XZ2 Premium has 6GB RAM.

XZ2 Premium is built to keep you going all day with its high capacity 3540mAh battery and Xperia's useful battery features such as Smart Stamina and STAMINA mode. Plus Battery Care^v and Qnovo Adaptive Charging technology which help the battery stay healthy to give you a longer battery lifespan. Qi charging is enabled to power up effortlessly and works with the new wireless charging dock (WCH20^{vi}) and other compatible Qi chargers.

Full specifications for Xperia XZ2 Premium can be found here: <https://www.sonymobile.com/global-en/products/phones/xperia-xz2-premium/specifications/>

Availability

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Xperia XZ2 Premium is available globally from Summer 2018 and will ship with Android™ 8.0 Oreo.

- ENDS -

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Full specifications for XZ2 Premium can be found here:

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FOR MEDIA INFORMATION PLEASE CONTACT:

For more information, images and videos please visit:

<http://blogs.sonymobile.com/category/press-releases>

Sony Mobile Communications, Global Communications & PR department

About Sony Mobile Communications

Sony Mobile Communications is a subsidiary of Tokyo-based Sony Corporation, a leading global innovator of audio, video, game, communications, key device and information technology products for both the consumer and professional markets. With its music, pictures, computer entertainment and online businesses, Sony is uniquely positioned to be the leading electronics and entertainment company in the world. Through its Xperia™ smartphone and tablet portfolio, as well as innovative smart products, Sony Mobile Communications delivers the best of Sony technology, premium content and services, and easy connectivity to Sony's world of networked entertainment experiences. For more information: www.sonymobile.com

Legal

1) Facts and features may vary depending on local variant. 2) Operational times are affected by network preferences, type of SIM card, connected accessories and various activities e.g. playing games. Kit contents and colour options may differ from market to market. The full range of accessories may not be available in every market. 3) Icons displayed are for illustrative purposes only. The home screen may appear different in your product. Some features may not be available in your country or area.

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ⁱ Xperia XZ2 Premium features a 4K UHD (2160 x 3840 Pixels) High Dynamic Range display and captures, stores and reproduces 4K HDR video with a colour depth of 10-bit in HLG format. Verified by Strategy Analytics' SpecTRAX Service against the published display specifications for over 12,000 smartphones. Correct as of the 16th April 2018. For more information on Strategy Analytics' results go to: www.sonymobile.com/testresults/

ⁱⁱ ISO 12,800 for video (automatic). Verified against the published camera specifications of over 11,800 smartphones by Strategy Analytics' SpecTRAX Service. Correct as of 15th April 2018.

For more information on Strategy Analytics' results go to: <https://www.sonymobile.com/global-en/legal/testresults/>

ⁱⁱⁱ Bokeh and monochrome features will be available 3rd Quarter 2018. Software rollouts are a phased process – timing and availability will vary by market and/or operator.

^{iv} XZ2 Premium is water resistant and protected against dust, so don't worry if you get caught in the rain or want to wash off dirt under a tap water, but remember all ports and attached covers should be firmly closed. You should not put the device completely underwater; or expose it to seawater, salt water, chlorinated water or liquids such as drinks. Abuse and improper use of device will invalidate warranty. The device has been tested under Ingress Protection rating IP65/68. For more info, see www.sonymobile.com/waterresistant. Note

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the XZ2 Premium has a capless USB port to connect and charge. The USB port needs to be completely dry before charging

^v Battery Care charges your phone to 90%,waits, then charges to 100% just before your normal wake-up time

^{vi} WCH20 available as an optional accessory