Press Release

Xiaomi and Leica Present the Xiaomi 18 Pro Series

Leica Summilux optics and two 200-megapixel cameras enable users to capture detailed images and explore a wide range of compositions

Xiaomi and Leica Camera AG are introducing the Xiaomi 18 Pro smartphone series. This co-engineered camera system combines Leica Summilux optics with 200-megapixel main and telephoto cameras. Digital simulations of classic Leica lenses provide additional possibilities when composing images.

Wetzlar/Paris, 17 November 2026 – The new Xiaomi 18 Pro series of smartphones – consisting of the Xiaomi 18 Pro and Xiaomi 18 Pro Max – is the next step in the successful technology partnership between the electronics manufacturer Xiaomi and Leica Camera AG. The co-engineered camera system – featuring Leica Summilux lenses and 200-megapixel main and telephoto cameras – combines optical precision with high-resolution image sensors. Leica image aesthetics broaden the scope of mobile photography, enabling expressive portraits and detailed close-ups. The Xiaomi 18 Pro Max sets itself apart from the Xiaomi 18 Pro primarily through its Light Fusion 960L image sensor with LOFIC HDR technology, larger display and more powerful processor.

Development has been based on a shared ambition to combine optical performance and artistic freedom in a compact smartphone. As a result, the optics are precisely tuned to the sensor technology, laying the groundwork for nuanced reproduction of light, colour and fine subject details.

“With the Xiaomi 18 Pro series, we are combining Leica Summilux optics with the classic imagery of Leica lenses. Our main goals have been to make photography enjoyable and to allow personal moments to be captured with Leica’s distinctive character”, says Marius Eschweiler, Vice President Business Unit Mobile at Leica Camera AG.

Leica Summilux Lens for the 200-Megapixel Main Camera

The main camera on both models combines a 1/1.28″ sensor with a Leica Summilux lens. The sensor boasts 200 megapixels, i.e., 200 million pixels. The fast f/1.67 lens enables a very wide maximum aperture.

The Leica UltraPure optical system is designed to reduce unwanted light reflection and haze. This complements the finely tuned lens and image sensor.
A Light Fusion 960L image sensor with LOFIC HDR technology is built into the Xiaomi 18 Pro Max. This technology allows large differences in the brightness of a subject to be captured. The sensor offers a dynamic range of up to 16.2 stops. This allows details to be reproduced both in light and dark areas, even with backlighting.

Both models feature an additional ultra-wide-angle camera alongside the main and telephoto cameras. This has a resolution of 50 megapixels and a focal length of 17 mm. The wide field of view is perfect for taking pictures of landscapes, architecture and groups.

75 mm Telephoto Camera for Portraits and Close-ups
The telephoto camera on both models features a 200-megapixel sensor in the 1/1.56″ format. Its 75 mm focal length offers a classic perspective for portrait photography.

The Power Prism periscope module both bends and concentrates light. Its folded optical path allows the telephoto lens to fit within the limited space available in the camera system.

The close focus distance is only 12 cm, representing the nearest point the camera can focus on. This enables the telephoto camera to be used for close-ups of small subjects and fine surface structures.

In addition, zoom levels equivalent to focal lengths of 150 and 300 mm are available. These values indicate the available framing options. The optical telephoto focal length is 75 mm.

Image Styles and Digital Leica Lens Simulations
The “Essential Moment” mode offers three image styles. It uses AI to process images in the device.

- **B&W Film** is based on the tonal gradation of classic black-and-white photography.
- **Iconic CCD** evokes the bold colour rendering of early digital cameras.
- **Modern Vintage** combines understated tones with crisp details.

The software also simulates the image characteristics of two Leica rangefinder lenses. The simulation of the Leica Summicron-M 35 f/2 is perfect for documentary photography. The simulation of the Leica Summilux-M 75 f/1.4 is designed for portraits with soft bokeh. Bokeh describes the rendering of the out-of-focus areas.

Rear Display Simplifies Composition

The rear display shows a live preview from the rear cameras. This allows users to check the framing and facial expressions before taking selfies or group photos, or recording videos.

The series supports videos in 8K at up to 30 frames per second and in 4K at up to 120 frames per second. 8K and 4K refer to resolutions of approximately 8,000 and 4,000 pixels in width, respectively. 4K videos can be captured with Dolby Vision. This HDR format allows a larger range of brightness to be recorded.

Log recording with 10-bit colour depth enables colour correction in post-production. Log refers to a recording format that preserves greater flexibility for adjusting brightness and colour in post-processing.

Technical Specifications at a Glance

Specification	**Xiaomi 18 Pro**	**Xiaomi 18 Pro Max**
Leica main camera	200 MP, 1/1.28″ sensor, Leica Summilux, f/1.67	200 MP, Light Fusion 960L, 1/1.28″ sensor, Leica Summilux, f/1.67, LOFIC HDR
Leica telephoto camera	200 MP, 1/1.56″ sensor, 75 mm, f/2.4, close focus distance: 12 cm	200 MP, 1/1.56″ sensor, 75 mm, f/2.4, close focus distance: 12 cm
Leica ultra wide-angle camera	50 MP, 1/2.87″ sensor, 17 mm, f/2.4, 102° FoV	50 MP, 1/2.87″ sensor, 17 mm, f/2.4, 102° FoV
Video	8K to 30 fps, 4K to 120 fps in Dolby Vision, 10-bit log	8K to 30 fps, 4K to 120 fps in Dolby Vision, 10-bit log
Main display	6.4″, Xiaomi Privacy Display	6.9″, Xiaomi Privacy Display
Processor	Snapdragon 8 Elite Gen 6	Snapdragon 8 Elite Extreme Gen 6
Operating system	Xiaomi HyperOS 4	Xiaomi HyperOS 4

About Leica Camera

Leica Camera AG is an international, premium manufacturer of cameras, lenses and sports optics. As part of its growth strategy, the company has expanded its portfolio to include mobile imaging (smartphones) and the manufacture of high-quality spectacle lenses and watches, and is also represented in the home cinema segment with its own projectors.

Leica Camera AG, having its headquarters in Wetzlar, Germany, and a second production site in Vila Nova de Famalicão, Portugal, operates a global network of its own distribution companies with around 120 Leica Stores worldwide.
The Leica brand stands for excellence in quality, German craftsmanship and industrial design, combined with innovative technologies. An integral aspect of the brand culture is the promotion of the culture of photography, with around 30 Leica Galleries worldwide, the Leica Akademie and international awards such as the Leica Hall of Fame Award and the Leica Oskar Barnack Award (LOBA).

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