Introducing the ULTRIS X20

The award-nominated 3D hyperspectral light field cameras ULTRIS 20 and ULTRIS 20 Plus have been upgraded to include a wavelength range of 350-1000 nm enabling UV-VIS-NIR coverage.

Ulm, 05 March 2021 – Cubert are excited to announce the launch of their latest 3D hyperspectral light field camera, the ULTRIS X20. Building on the success of the ULTRIS 20 and ULTRIS 20 Plus, the UTRIS X20 expands the wavelength range from 450-850 nm to 350-1000 nm, thereby including the UV spectrum and making UV-VIS-NIR coverage possible. With a constant FWHM of 10nm across all channels, over 160 spectral bands compared to the previous 100 plus, and a native image resolution of 410x410 pixels (combined with the pan sensor on the ULTRIS X20 Plus model over 1800x1800 pixels is possible), the ULTRIS X20 takes hyperspectral imaging to new heights, enabling even more applications. Detecting plant water for vegetation analysis, real color characterization, bathymetry, and water quality analysis as well as fluorescence analysis are now all possible, along with many more applications. Small and lightweight (under 350 grams), and with over 3200 lines per second – a speed equivalent to a push-broom camera – the ULTRIS X20 remains perfectly suited to UAV mapping applications, amongst others.

Dr. Matthias Locherer
Cubert Sales Director

"This significant update to our product range extends the already impressive ULTRIS 20's capabilities and gives our customers even more possibilities."

– The ULTRIS X20 and ULTRIS X20 Plus will be available from 26 March 2021. –

BEYOND VISION. Cubert are the leading developer and manufacturer of hyperspectral snapshot cameras. A complete three-dimensional data cube - the hyperspectral image - is captured within a blink of an eye thanks to snapshot optical technology which has been the foundation for the development of Cubert spectral video cameras. These innovative cameras are used in a wide range of applications from UAV-based remote sensing measurements to lab-based imaging integrated with microscopes. **www.cubert-gmbh.com**

For more information or to arrange a demonstration, please contact:
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