

Hitachi Kokusai to Showcase 4K Live Production Camera Solutions at IBC Show 2023

Several new camera systems, including Hitachi Kokusai's new SK-UHD7000-S2, to make global debut alongside established innovations

Stand 11.C28, IBC, Amsterdam, 15-18 September 2023

Continuing the Hitachi tradition of innovation and delivering exceptional visual quality and superior price/performance value for live production applications to meet customers' demands, Hitachi Kokusai Electric Europe GmbH. (Hitachi Kokusai) will demonstrate its latest 4K UHD camera systems on IBC Stand 11.C28 at the Amsterdam RAI Convention Center from 15th to 18th September. Product debuts include an upgradeable HD camera system for broadcast production and professional live events with a cost-efficient path to 4K, and a next generation box camera for use in a variety of applications.

The company will showcase its SK-UHD7000, introduced at IBC Show 2022, along with the new SK-UHD7000-S2. The SK-UHD7000, which is now in use worldwide, incorporates three 2/3-inch CMOS image sensors with native 4K resolution to enable the pristine capture of 3840x2160 UHD video. The sensors' global shutter technology minimizes unwanted artifacts including flickering and banding that could otherwise occur when capturing LED walls and asynchronous lighting in event venues. The SK-UHD7000 is ideal for all top-end 4K Broadcast, Production, Sports and live event applications.

The SK-UHD7000 offers formats ranging from 480p to 2160p and delivers extraordinary sensitivity and quality for Ultra HD production. Its Sensitivity of F11 enables high-quality acquisition in low-light conditions, while a signal-to-noise ratio (SNR) of 62 dB provides ultra-quiet images. The camera's new prism design delivers superior color reproduction and compliance with BT.2020 color gamut. Its dual 4K and HDTV workflow enables seamless multi-format productions and

supports separate controls for High Dynamic Range (HDR) and Standard Dynamic Range (SDR).

The new SK-UHD7000-S2, which is available now, provides the same pristine quality and production benefits. The SK-UHD7000-S2 leverages Hitachi Kokusai's latest HD and 4K camera technology, but is delivered as an HD Camera that can convert to a 4K camera with an affordable licence upgrade option. This offers a lower initial purchase point for customers that want high-quality 1080p immediately, along with an easy field-upgradeable path to 4K in the future.

With a High Frame Rate (HFR) licence option also available for the SK-UHD7000-S2 camera system it can be converted to 4x Speed HD Slow Motion camera.

An optional ST-2110 25G/10G IP- Interface MOIP board for the CU-UHD7000 CCU is now available for Live IP remote production.

The SK-UHD7000-S2 delivers spectacular depth of modulation, life-like images, exceptional visual quality, and superior price/performance for live performance applications while providing a signal to noise ratio surpassing -62dB on every output. The upgrade licence will also integrate the latest 4K technologies that Hitachi Kokusai develops, ensuring that customers always receive the most up-to-date features upon upgrading.

"The Ultra Clear images of the SK-UHD7000 and new SK-UHD7000-S2 must be seen to be believed." said Cemal Yilmaz General Manager of Hitachi Kokusai Electric Europe. "The picture is absolutely whisper-quiet. Along with astonishing images, both cameras offer our customers more creative freedom than ever. Productions are often in uncontrolled and unpredictable environments and the SK-UHD7000 offers the advanced controls and dual workflow capacity to take control of the uncontrollable and manage all situations with ease."

"When you look at the picture, you see how transparent it is - it looks almost 3D. The SK-UHD7000-S2 provides users with more creative freedom regarding

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lighting, exposure and color control when faced with unforeseen or uncontrolled shooting situations and venues."

At this year's IBC we will showcase the new version of SK-UHD7000E-S2 with a New Large lens adaptor (SA-1100-S1) with the following functionalities:

12G-SDI UHD, HFR (4x Slo-Mo), ST-2110 25G IP- MOIP CCU Interface with the Picture displayed on an ST-2110 25G IP-input Monitor and a New UHD/HD ICR - Integrated recording device.

A new fully-integrated, compact design, wireless Camera System will also be shown.

DK-H700 4K UHD Compact Box Camera

Hitachi Kokusai continues its innovation with another 4K camera debuting at IBC 2023. The new DK-H700 is a multi-format, compact box-type camera that uses three 2/3-inch, 8.3 million pixel CMOS Global Shutter sensors for the delivery of sharp, clear images. The DK-H700 combines these features with advanced digital signal processing and HDR support to provide superior picture quality with low noise, faithful life-like color fidelity and extraordinary sensitivity.

The DK-H700 is a versatile solution for a wide array of applications. Ideal as a standalone camera system or a complement to the SK-UHD7000 Series in larger productions, the DK-H700 shines in broadcast studios, sports, and live events venues, as well as professional AV applications including parliaments, corporate, education, and government surveillance applications.

The DK-H700 also fully complies with ITU-R.BT-2020 wide color gamut specs. Complementing the camera's excellent dynamic range is the ability to operate within REC BT2100 High Dynamic Range (HDR) standards. The dual workflow architecture also allows independent adjustment of both HDTV and UHD SDI outputs.

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The DK-H700 camera's 2/3" Native UHD Global Shutter sensors give excellent picture quality in all lighting conditions and where LED walls are used in studios or at live events – minimizing moire and flicker.

About Hitachi Kokusai Electric Inc.

Hitachi Kokusai Electric Inc., headquartered in Tokyo, Japan, is a company that manufactures broadcasting systems, security and surveillance systems, wireless communications and information systems. For more information on Hitachi Kokusai Electric Inc., please visit the company's website at <https://www.hitachi-kokusai.co.jp/global/en/index.html>.

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