

For Immediate Release

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iX Cameras Introduces Three New i-SPEED 5 Camera Models

June 19, 2023 – iX Cameras of Woburn, MA and Rochford, UK, a leading developer, and manufacturer of high-speed imaging technology, introduces the new i-SPEED 5 Series of high-speed cameras. The three new models in the Series offer class-leading features that elevate their performance and expand their capabilities across various industries and applications, making them invaluable for professionals in scientific research and engineering.

Key features of the i-SPEED 5 Series

- Synchronized Integrated Lighting Control (SILC), a patent-pending technology developed by iX Cameras. SILC is designed to ensure 100% illumination efficiency from pulsed light sources which it achieves by measuring and calibrating the rise time delay of pulsed light sources and synchronization of that delay with the integration of the camera's exposure to. This eliminates any potential delay between the light pulse and the camera's exposure time, resulting in no waste of illumination intensity.
- General Purpose Input/Output (GPIO) control and functions provide users with greater flexibility and control over their experimental setups, allowing them to interface with a wide range of external devices and systems and optimize their testing processes.
- Electromechanical shutter - making a remote session reference effortless and possible when it's not possible to physically access the camera itself – perhaps when the camera is at distance on a range or secured in an enclosed chamber.
- Battery powered option gives users a one-hour charge without external power to utilize cameras in environments where it is difficult to run power cables. Integrated batteries can also provide insurance against power loss, engaging as soon as external power is interrupted – preserving recorded data and allowing the user one hour to restore power or transfer images to chosen storage media.

These new features complement the custom Advanced Sensor Technology (AST) CMOS 2.1-megapixel sensor available in all three i models (i-SPEED 509, i-SPEED 511, and i-SPEED 514), making the new i-SPEED 5 Series class-leading high-speed cameras, ideal for applications such as PIV, DIC, fluid dynamics, ballistics, and a wide range of other scientific testing applications.

About iX Cameras

iX Cameras is a world-leading technology and product company specializing in the field of high-speed (slow motion) imaging. Based on proprietary innovative technologies, we design, build, and sell cutting-edge ultra-fast cameras and software for a wide range of advanced scientific research applications. The company is a spinoff of the heralded Olympus industrial division, combining the acumen of the engineering visionaries from Olympus with a new team of industry veterans, and continuing to innovate state-of-the-art i-SPEED cameras under the iX Cameras name. Sales, service, and support of i-SPEED camera models can be obtained from regional offices located in the United States, United Kingdom, China and India.

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