

For Immediate Release

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iX Cameras Introduces Three New i-SPEED 7 Camera Models

January 6, 2021 – iX Cameras of Woburn, MA and Rochford, UK, a leading developer and manufacturer of high-speed imaging technology, announces three new i-SPEED 7 high-speed camera models. All three new models 717, 721, and 727, feature a custom Advanced Sensor Technology (AST) CMOS 3.2 megapixel sensor designed by the engineers in our Innovation Centre to provide a unique combination of high frame rates and high resolution as required in exacting motion analysis applications.

The new AST sensor achieves 2072x1536 resolution, 12-bits of dynamic range, 2.45 million frames per second max speed, exceptional light sensitivity with a desirable 13.5µm pixel pitch, 27.1 GPixels/second throughput, and 168ns shutter time. In addition to the new sensor the new cameras come with an electromechanical shutter for automatic black level correction. The new i-SPEED 7 Series is designed for PIV, DIC, fluid dynamics, ballistics and a wide range of other scientific testing applications.

Peter Carellas, President and CEO of iX Cameras said, “The new models demonstrate our continuing commitment to pushing the technology faster and to simplifying the user experience with innovative, enriching features. These cameras are a testament to the acumen and dedication of the iX Cameras team. The new i-SPEED 7 Series is our third product introduction in the past 3 years, further establishing iX Cameras as an innovator in the high-speed imaging market.”

i-SPEED 7 Series Key Features

- 27.1 Gpixels /second (non-interpolated) throughput
- 2.45 million fps maximum frame rate
- 2072 x 1536 maximum resolution
- Electromechanical shutter for black levels and remote session referencing
- Synchronized lighting control to drive and control pulses for illumination sources
- 168ns minimum shutter speed
- ISO ratings 125,000 (Mono) / 32,000 (Color)

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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