



FOR IMMEDIATE RELEASE

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QSI Announces RS Series of Deep Cooled CCD Cameras

Poplarville, MS – January 15, 2013 – Quantum Scientific Imaging, Inc. today announced the addition of the QSI RS Series of deep cooled CCD cameras to their award-winning family of scientific cameras.

The QSI RS Series features a broad range of full-frame and interline transfer CCDs from 768x512 pixels up to 8.3MP. A variety of options and accessories are available making the RS Series ideal for a wide variety of life science and research applications including Fluorescent Microscopy, Gel Documentation (Geldoc), Chemiluminescence, Spectroscopy, drug discovery and protein analysis.

Dual read rates of up to 8 MHz with high-speed USB 2.0, deep cooling to greater than 45C below ambient and full 16-bit pixel depth allow QSI RS Series cameras to produce high quality images with high frame rates, extremely wide dynamic range, excellent linearity and exceptionally low noise.

RS series cameras are available with no-coverglass CCDs and fused silica windows for maximum transmission across a broad spectrum of light, from as low as 240nm in the ultraviolet (UV) through the visual band up to 1100nm in the near infrared (NIR). Electronic input and output triggers with latency as low as 5µsec allow precise exposure timing and triggering of external events such as strobes. RS 4.2 and RS 2.0 models support Particle Image Velocimetry (PIV) exposure mode for flow visualization with two exposures as close together as 100µsec.

Cooling on the RS Series is achieved with a custom 2-stage thermoelectric cooler (TEC) providing regulated cooling to greater than 45C below ambient, or greater than 50C with the optional Liquid Heat Exchanger.

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QSI cameras are renowned for providing exceptionally low noise and wide dynamic range. QSI cameras are relied upon today by leading commercial organizations, universities and government research labs around the world. QSI's proprietary ResearchSpec™ profiling includes Photon Transfer Curve (PTC) and FFT analysis of every camera to ensure the highest possible image quality, performance and reliability.

All QSI's world-class scientific cameras are proudly designed and manufactured in the United States. QSI's headquarters and manufacturing facility is located in southern Mississippi, not far from New Orleans and NASA Stennis Space Center.

QSI RS Series cameras can easily be attached to a wide variety of microscopes and other instruments. Even with the mechanical shutter and available internal 5 or 8-position color filter wheel, careful mechanical design and minimal back focus allows the use of DSLR lenses using the available Nikon F-mount and Canon EOS lens adapters. Standard C-mount and T-mount adapters are also available.

The QSI RS Series offers extensive software support including camera control with LabVIEW™ and a MATLAB® Image Acquisition Toolbox Driver. Windows COM and Linux application programming interfaces (API) are included with all QSI RS Series cameras enabling users to write custom camera control applications.

The superb imaging performance of QSI RS Series cameras is wrapped in an attractive and compact design with outstanding power efficiency. The refined engineering and impressive fit, finish and attention to detail are designed to exceed the highest expectations.

Retail prices for QSI RS Series cameras begin as low as \$4,495 making them an exceptional value for a 16-bit, deep cooled scientific camera. OEM configurations are available. Resellers inquiries are invited.

Additional information about the QSI RS Series cameras can be found at <http://www.QSIImaging.com/products.html>.

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About QSI

Quantum Scientific Imaging designs and manufactures world-class scientific cameras for applications that require superior imaging performance such as astronomical, life science, research and industrial imaging. QSI is proud to design and build world-class cameras in the United States. QSI's power efficient cameras deliver excellent performance with extremely wide dynamic range, excellent linearity and exceptionally low noise.

For more information, please visit www.QSIimaging.com or call 888-774-4223.

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