

PRESS RELEASE

Stanford Photonics, Inc. Introduces Low Cost Mega Pixel GEN III ICCD Camera for Low Light Imaging

Palo Alto, CA – January 19, 2003 -- Stanford Photonics, Inc. announces the release of the XR/MEGA-10LC™ ICCD camera for photon limited imaging and detection. First exhibited at the American Society Cell Biology Annual Meeting in San Francisco last month, the new low cost camera is the most cost effective GEN III technology available and incorporates Stanford Photonics' exclusive ABF™ Automatic Bright Field technology.

Since its introduction in 1999, the XR/MEGA-10™ has been the price-performance leader among ICCD camera products for fluorescence imaging in life science applications. In the standard configuration, the Extended Blue GEN III offers the broadest spectral response, optimized from the near IR all the way down to and below 400nm. Alternatively, the new lower priced XR/MEGA-10LC™ provides the same performance but with a short wavelength cut-off in the blue-green region of the spectrum. Both the Extended Blue and -LC™ tube types are filmed photocathode designs. This translates to a meaningful cost savings relative to the top-of-the-line, unfilmed photocathode XR/MEGA-10EX™ products, which are available from Stanford Photonics for the most demanding detection requirements.

The XR/MEGA-10LC™ uses the SONY XX285 image sensor for mega-pixel, Nyquist limited resolution at speeds ranging from 15 to 120 frames per second. The intensifier tube is fiber-optic coupled with a 1.6:1 taper ratio, resulting in a 10 micron pixel (nominal) at the image plane; proprietary, single step bonding assures maximum system resolution and contrast. The Stanford Photonics XR™ cameras are the only product line on the market with the exclusive ABF™ Automatic Bright Field feature that instantaneously adjusts photocathode gate time and intensifier gain to compensate for up to seven decades of light level change, allowing for hands-off surveys of samples with large variances in brightness and bright field imaging without the need for a second camera. The XR/MEGA -10LC™ is Mac® and PC compatible and is supported by a number of high-end image capture and analysis systems.

Incorporated in 1989, STANFORD PHOTONICS, Inc. designs and manufactures electro-optic assemblies and systems with end applications in remote viewing, surveillance, x-ray, photometry and low light level imaging and analysis. Products include "single component" devices, such as custom designed fiber-optic light and image guides, as well as complete integrations: design-optimized light sources; sensor-based light measurement systems; custom CMOS/CCD cameras; and intensified CCD (ICCD) cameras ranging from low cost "point and shoot" units to extended resolution, high performance, computer controlled configurations.. Stanford Photonics also engages in outside contracts and private label production, providing conceptual and developmental support in optics, mechanical, electronics and system design. The company sells its own products directly, through referrals and through a growing network of resellers and distributors. For information: <http://www.stanfordphotonics.com> or contact: info@stanfordphotonics.com , phone: 650-969-5991

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