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FOR IMMEDIATE RELEASE

### **iCMOS 160 – High Speed Image Intensified Camera**

EAST SUSSEX, UK, August 1st, 2017 –The Photek iCMOS 160 represents the latest advance in high speed intensified imaging. Its readout of 160 frames per second at 2.2 Megapixels, coupled with optional ultra-fast 3 ns gating, enables both faster and higher sensitivity measurements in a wide range of time resolved applications, including plasma physics, fluorescence lifetime imaging and combustion diagnostics. Frame rates in excess of 1000 fps are possible at reduced frame size. The CMOS sensor is fiber optically coupled to the image intensifier providing optimum image quality and light transmission. Bespoke versions of the iCMOS 160 can be delivered with any of the wide range of Photek’s image intensifiers, including intensifiers with market-leading UV sensitivity and sizes up to 40 mm in diameter. A plug-n-play USB 3.0 interface, fully



integrated gate unit and intuitive Image32 software ensures easy set-up and operation. In addition to the announcement of the iCMOS 160, Photek is also pleased to announce that their HRPCS and IPD advanced photon counting cameras have been updated to provide the ultimate performance for ultra-low light applications requiring true photon counting. Additional information can be found at [www.photek.com](http://www.photek.com).

Photek is a specialist manufacturer and global supplier of vacuum based tubes and camera systems for photon detection. Their comprehensive range of products includes Image Intensifiers, Solar Blind Detectors, Photomultipliers, Streak Tubes and a range of associated electronics and Camera Systems. Photek has a unique ability to partner with their customers to design, manufacture and support complete, bespoke solutions for the most demanding photon detection and imaging requirements. They are recognized as a global leader in the design and manufacture of large area image intensifiers, ultra-fast photomultiplier tubes (PMTs), UV detectors and advanced photon counting camera systems. Photek products support specialist applications in; Physics (high energy, particle, nuclear), defense industries (threat warning), physical chemistry, bioluminescence, space science, material and biological inspection.

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