



### Custom development of advanced CMOS image sensors

Specialised Imaging Ltd reports on the recent market launch of SI Sensors (Cambridge, UK) - a new division of the company focused on the development of advanced CMOS image sensors.

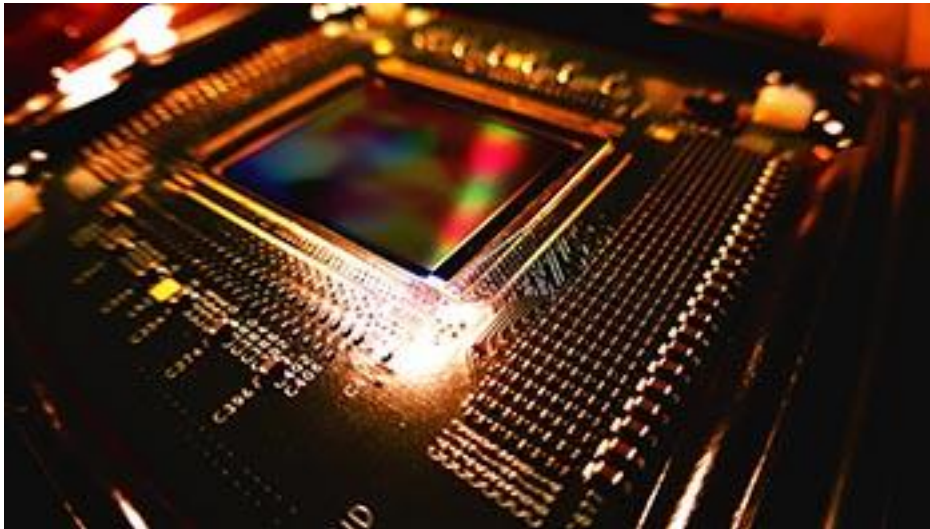


Image caption: Ultra-high-speed CCD-in-CMOS image sensor

### Drawing upon a team of specialists

with a broad range of experience in image sensor design – SI Sensors is creating custom image sensor designs with cutting edge performance. In particular, the company's in-house experts have specialist knowledge of visible and non-visible imaging technologies, optimised light detection and charge transfer, radiation-hard sensor design, and creating CCD-in-CMOS pixels to enable novel imaging techniques such as ultra-fast burst mode imaging.

### Philip Brown,

General Manager of SI Sensors said, "In addition to developing new sensors for Specialised Imaging's next generation of ultra-fast imaging cameras utilising the latest foundry technologies, we are developing solutions for other customers with unique image sensor design requirements including for space and defence applications".



**He added**

“SI Sensors team also use their skills and experience to develop bespoke image sensor packages that accommodate custom electrical, mechanical, and thermal interface requirements. Our aim is always to achieve the best balance between image sensor performance and cost (optimised value) for customers. To ensure performance and consistent quality and reliability we perform detailed electro-optical testing from characterisation through to mass production testing adhering to industry standards such as EMVA 1288”.

**For further information**

on custom CMOS image sensor design and production please visit [www.si-sensors.com](http://www.si-sensors.com) or contact SI Sensors on +44-1442-827728 or [info@si-sensors.com](mailto:info@si-sensors.com).

**Specialised Imaging Ltd**

is a dynamic company focused on niche imaging markets and applications, with particular emphasis on high-speed image capture and analysis. Drawing upon over 20 years’ experience, Specialised Imaging Ltd today are market leaders in the design and manufacture of ultra-fast framing cameras and ultra high-speed video cameras.

-----

**Worldwide HQ**

**SI Sensors**

Specialised Imaging Ltd.  
Innovation Centre  
320 Cambridge Science Park  
Cambridge CB4 0WG

tel. +44-1442-827728

e: [info@si-sensors.com](mailto:info@si-sensors.com)

web: <http://www.si-sensors.com>