

After Sales Service

Quality and continuous improvement is at the heart of everything we do at Photonic Science to ensure we deliver on-spec cameras and systems, every time.

Photonic Science is an ISO9001:2015 qualified company and as standard we provide a 12 month warranty on all our products, with warranty extensions available on request.

Photonic Science also provide after sales support for the lifetime of our products and we can provide repairs for all Photonic Science cameras and systems.



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Specialist Camera Solutions 20190612 DB Iss2



OEM Specialist Camera Solutions

Innovate | Design | Manufacture | Support



Scientific
Surveillance
Industrial



Photonic Science offer flexible custom OEM camera solutions for industrial, surveillance and scientific applications.

Technology offered covers the spectrum from Short Wave Infrared (SWIR) and visible light to X-ray and neutron detection.

OEM Camera Solutions

Custom designed modules:

- | With or without camera housing

(Mechanical re-design to customer specification)

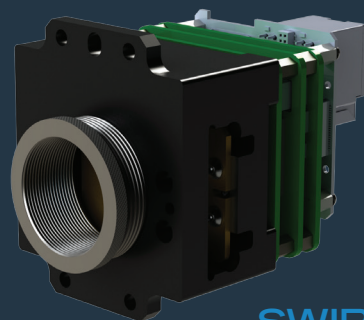
- | Remote heads
- | TEC-less SWIR



High resolution
sCMOS



Remote head
modules

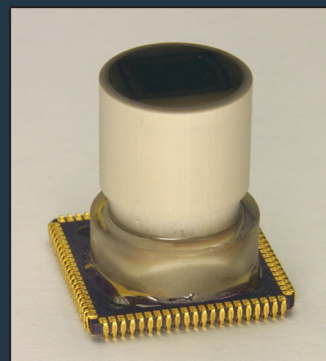


SWIR

Compact deep cooled
low noise SWIR with NDR
(non-destructive readout)

Broad range of technology

- | Sony ICX 285, 674, 694.
- | BAE/Fairchild sCMOS (6.5 μm and 5 μm pixel HD, plus 2k x 2k).
- | Gpixel sCMOS (2k x 2k and 4k x 4k).
- | SWIR sensors 640 x 512 and 320 x 256, 15 and 25 μm pixels.
- | TI 1k x 1k and 640 x 480, and On Semi HD EMCCDs.
- | On Semi 11M and 16M pixels CCDs, 36 x 24mm.



Complete OEM solutions

We deliver cost effective and innovative camera solutions with selected components from concept and prototyping to volume manufacturing; including complete turnkey solutions involving cameras, illumination source, optics, environmental housing and software.

Custom designed modules:

- | Ruggedised
- | Modular solutions
- | Volume production
- | SWaP optimised

Design capabilities

- Fiber optic coupling to large area CCD and sCMOS /CMOS sensors.
 - Mosaic fibre optic tiling.
- Scintillator / coating deposition.
- Low noise analog proximity electronics including remote head design.
- Digital processing / programming using latest generation FPGAs.
- Genicam compliant interface, Camera Link interface.
- Environmental testing (shock, vibration and temperature cycling).
- Customized firmware application specific development.
- Mechanical and optical design made to OEM specifications.
 - SWaP optimised
- MilSpec standard compliance.

