

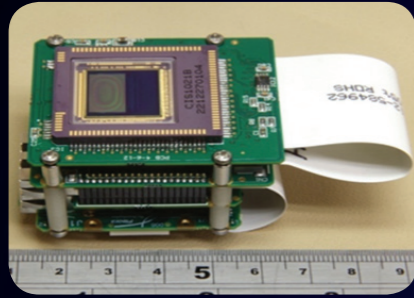
Photonic Science

SCIENTIFIC DETECTOR SYSTEMS

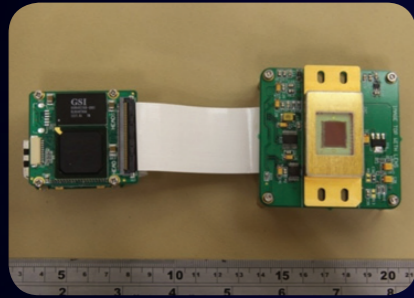


COOLED CAMERAS FOR SUPERIOR IMAGING

OEM Camera Solutions



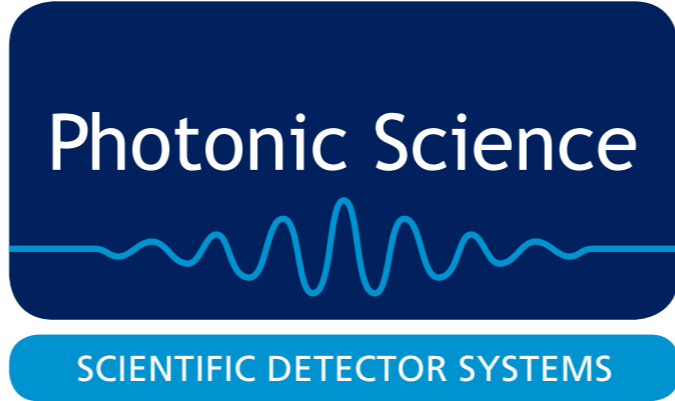
Cooled sCMOS
OEM Module



Cooled InGaAs/
SWIR OEM Modules

Design Capabilities

- Multi spectral: sCMOS and InGaAs, colour and intensified cameras
- Multi camera platform, up to 16 cameras: allows wider field of view coverage up to 360 degrees
- Integrated optics and zooming control
- Laser illumination, specific wavelength design, optional range gating
- Source control / conditioning / ramp up management
- High precision stage / filter wheel control
- Software management for operating multiple cameras interface
- Remote camera control using socket commands



Off-The-Shelf Camera Solutions

Now Shipping:

COOLED: CCD, EMCCD, Intensified CCD, Intensified CMOS, Scientific CMOS & InGaAs cameras.

Neutron/Gamma/Xray/EUV



2750 x 2200
& 1932x1452
cooled Xray
CCD cameras

Established in 1985,
Photonic Science is a leading
manufacturer of next
generation, high performance

off-the-shelf and custom
OEM, camera solutions for
Scientific, Surveillance and
Industrial applications.

NIR/Visible/UV



2048 x 2048
& 1920 x 1080
cooled sCMOS
and gated
intensified
cameras

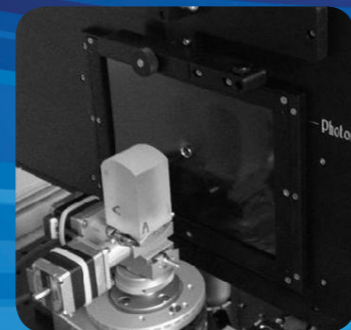
System Solutions

Photonic Science high performance

- Crystal orientation
- X-ray tomography
- Micro radiography
- MicroCT
- Phase contrast
- Photo-Electroluminescence I-V analyzer
- Photoemission analysis for Semiconductor inspection



Photoluminescence
Inspection System



LAUE single crystal
Orientation tool

SWIR/ViSWIR/extended SWIR



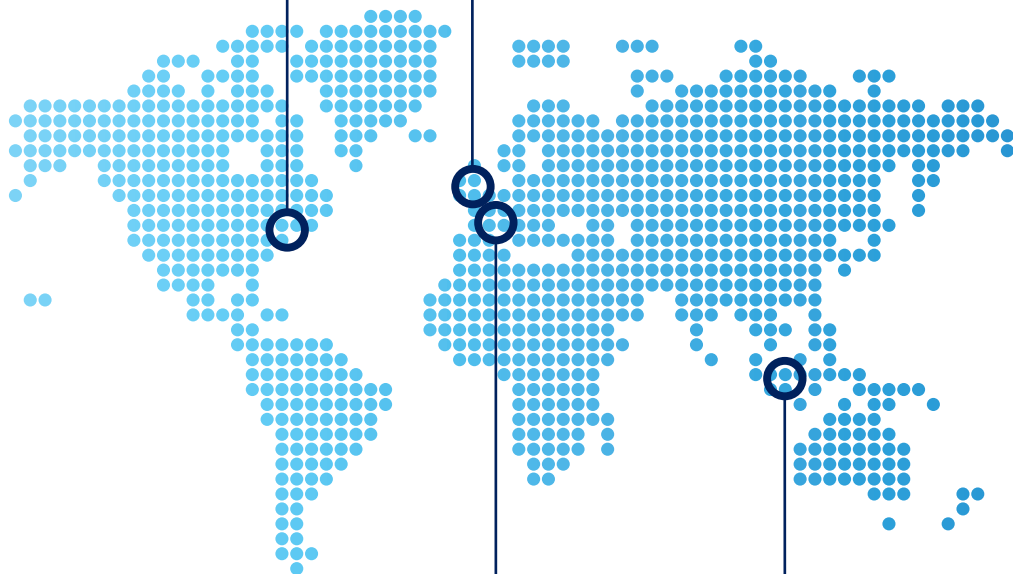
640 x 512
& 320 x 256 cooled
InGaAs cameras

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Vision System

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