



Knight Optical now provides imaging and sensing services, specialising in complex cover glass and microlens removal, and alignment and filter installation.

Utilising the expertise and capabilities of Torrent Photonics, our parent company, we can offer image sensor customisation, including removing the cover glass from the image sensor, and then installing and bonding micropatterned filters close to the image plane using our in-house lithography department.

IMAGE SENSING & CAMERA MODIFICATIONS

- Cover glass removal (and replacement)
- Microlens removal
- Filter installation and bonding
- Fibre optic bonding
- Optics installation on image sensor
- Ultratech UV coating and more

FILTER CUSTOMISATION

- Pixel-level multispectral filters
- RGB colour gel filters
- Stripe filters

INDUSTRIES

- Machine vision
- Aerospace
- UAV
- Agriculture



Contact our technical sales team to learn more about our image sensor customisation capabilities.