

Product Range

IR-Modules
Thermal Sights and
Engines
Cryocoolers



AIM products are in service with the armed forces of various NATO countries.

They are also used in homeland security, R & D, industrial processes and environmental protection.

AIM INFRAROT-MODULE GmbH

Theresienstraße 2

74072 Heilbronn

Germany

Tel.: +49 7131 6212-0

Fax: +49 7131 6212-939

info@aim-ir.com

www.aim-ir.com

Advanced IR-Solutions



Excellence, Innovation & Quality

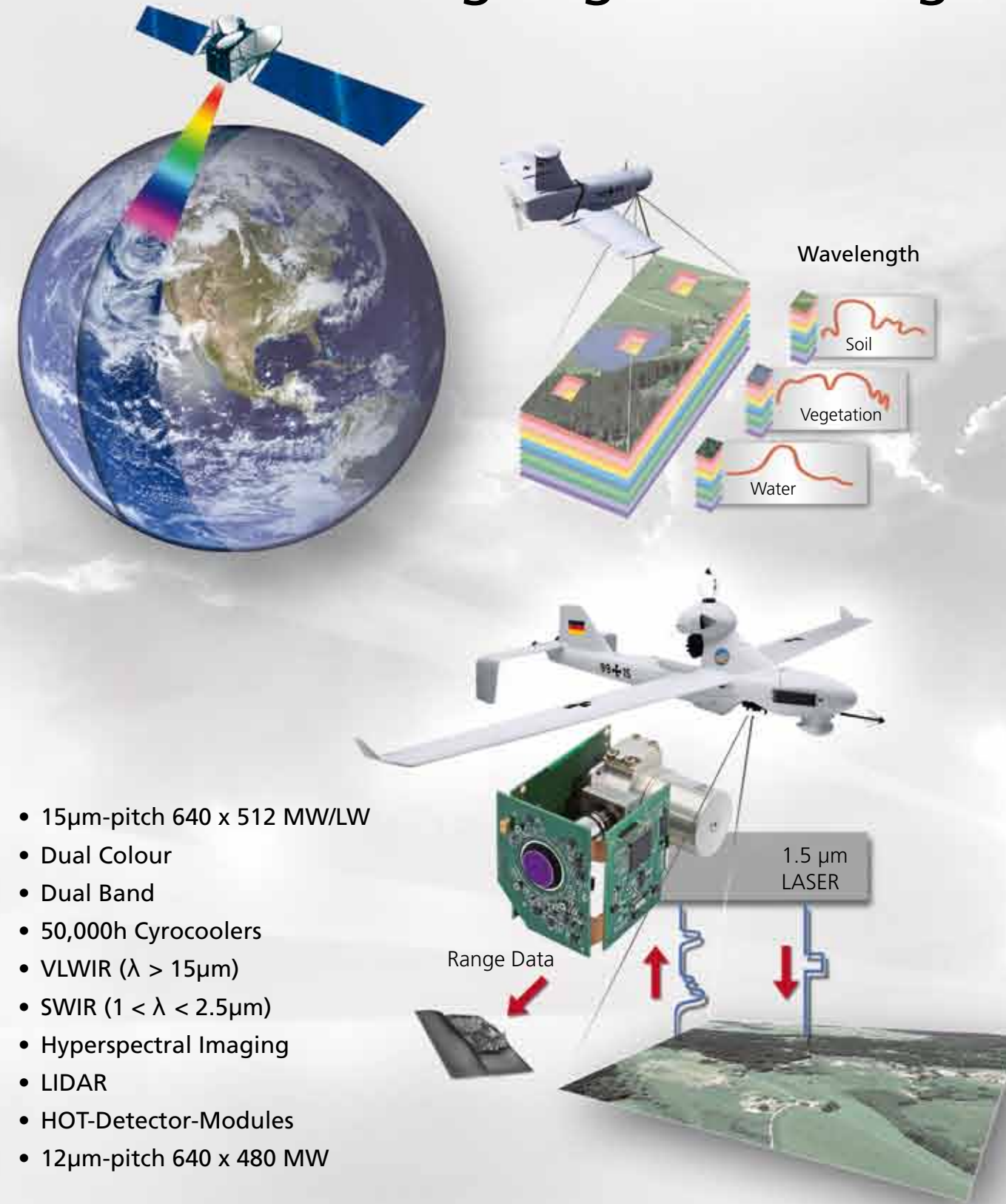


AIM develops and manufactures IR-detectors and cryocoolers for missile seekers as well as targeting or pilotage sights in most renowned ground based, ship-, air- and spaceborne applications. Beyond components and modules AIM has conquered a niche for thermal sights and day/night fire control systems for small arms and crew served weapons with a large engagement range.



We are certified according to DIN EN ISO 9001 : 2000

Cutting Edge Technologies



- 15μm-pitch 640 x 512 MW/LW
- Dual Colour
- Dual Band
- 50,000h Cryocoolers
- VLWIR ($\lambda > 15\mu\text{m}$)
- SWIR ($1 < \lambda < 2.5\mu\text{m}$)
- Hyperspectral Imaging
- LIDAR
- HOT-Detector-Modules
- 12μm-pitch 640 x 480 MW

Highest Production & Quality Control Standards

We are a team of 350 qualified professionals with more than 30 years of production experience dedicated to outstanding product performance and customer satisfaction at competitive pricing. Our production facilities include 1,200 m² clean room.

From Crystal Growth to Thermal Sights - All Processes under One Roof

- Crystal Growth
- Liquid Phase and Molecular Beam Epitaxy
- Photovoltaic Array Technology
- ROIC-Design
- Hybridisation
- Dewar and Integration Technology
- Cryocooler Technologies
- PCB-Design and Integration
- Image Processing Technologies
- Fire Control Systems for Small Arms

