TELEDYNE
SCIENTIFIC & IMAGING
Everywhereyoulook™

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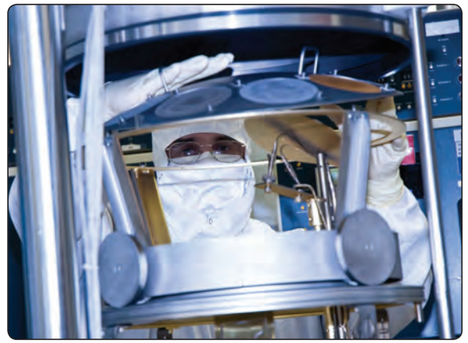
TSI-0734

Teledyne Scientific Company

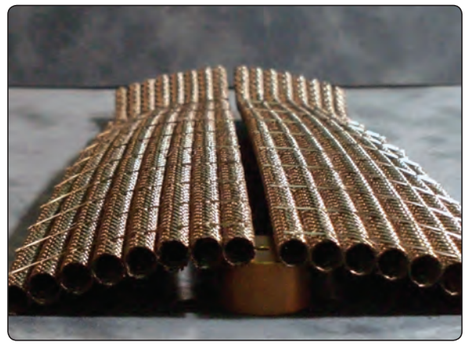


Electronics

Our electronics division is a world-leader in the development of the next generation of advanced MEMS and semiconductor technologies.

Our goal is to increase performance and integrated functionality to develop a new class of miniature components and systems.

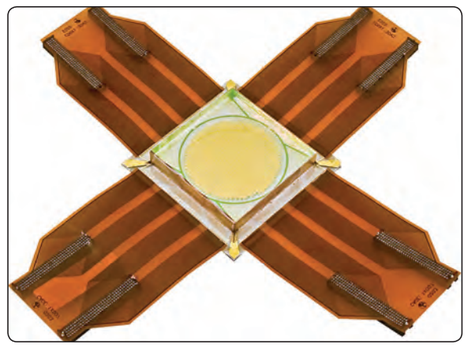
- High-speed sources and sensors
- High-speed, high resolution mixed signal integrated circuits
- High power, efficiency, and temperature power devices
- High-speed III-V materials and devices
- Micro electro mechanical systems (MEMS)
- Micro fabrication services
- Microoptics



Materials

A world-class capability in ultra-high performance ceramic composites is complemented by efforts in functional materials, wherein molecular structure is tailored for specific electronic, magnetic, optical, and thermal properties. Analysis capabilities range from thermal and structural to CFD modeling.

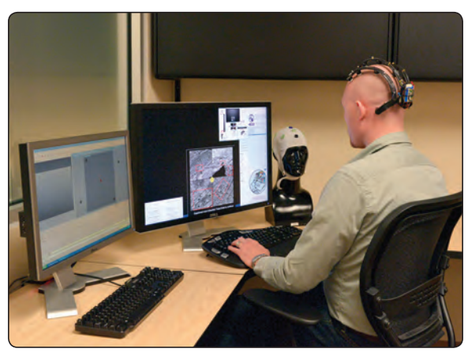
- Ceramic matrix composites
- Autonomous energy generation
- Functional coatings
- Novel thermal management solutions
- Power electronics
- Advanced desalination systems



Optics

Research and development in the Optics Division ranges from optical component technologies to complex optical systems. Our optics researchers have extensive capabilities and background in liquid crystal devices, fiber optics, imaging systems, opto-mechanical design, and unconventional optical designs for challenging applications.

- Liquid crystal spatial light modulators
- Specialty organic optical film coatings
- Beam steering devices
- Switchable filters
- Agile sensor protection
- Free space optical communication
- High accuracy tracking
- Unconventional imaging systems

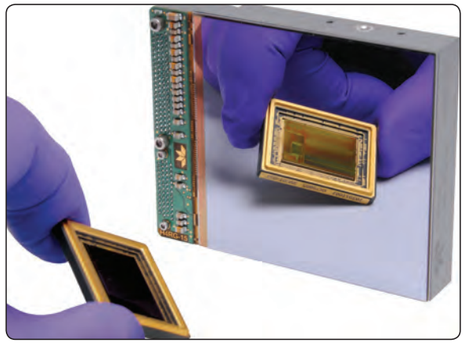


Information Sciences

Information Sciences division develops cutting-edge algorithms, software architectures, integrated systems in sensor exploitation, persistence surveillance, intelligence analysis, autonomous navigation, human-machine interface, command and control, and information assurance.

- Neuromorphic image processing systems
- Cognitive technologies
- Sensor and information fusion
- Signal analysis and enhancement
- Target detection, classification, and tracking
- Autonomous navigation
- Robotics
- Anti-tamper
- Augmented reality and decision aids
- Sensor network strategies

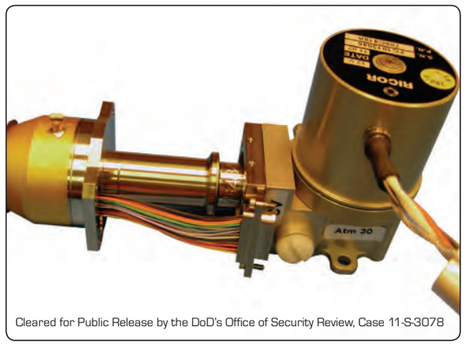
Teledyne Imaging Sensors



Teledyne Imaging Sensors

As a world-leader in the development and production of advanced focal plane arrays and subsystems for visible and infrared applications, Teledyne Imaging Sensors offers customers a total package solution with the ability to include backend electronics, custom design and fabrication, cameras, and subsystems.

- Infrared and visible imaging sensors, cameras and subsystems (0.4 µm–17 µm)
- High definition, system-on-chip CMOS imaging sensors
- 3rd Gen FLIR cameras
- Mixed signal CMOS design, ASICs
- Space and tactical packaging
- Thin film optics, laser eye protection



Cleared for Public Release by the DoD's Office of Security Review, Case 11-S-3078

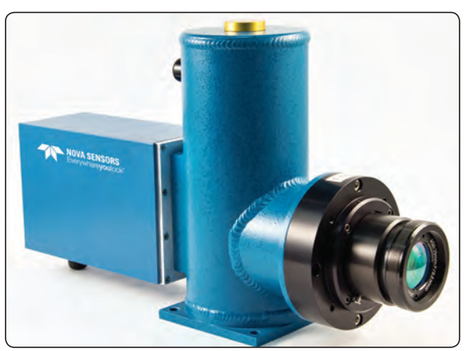
Teledyne Judson Technologies

Teledyne Judson Technologies (TJT) manufactures high performance infrared photodetectors using a variety of detector materials such as Germanium, Indium Gallium Arsenide, Indium Arsenide, Lead Salts, Indium Antimonide and Mercury Cadmium Telluride. These devices are packaged into integrated dewar/cooler assemblies (IDCAs) along with the associated electronics. Teledyne Judson Technologies products satisfy a growing demand for custom solutions in military, space and instrumentation markets. Our capabilities complement Teledyne Imaging Senors strengths in advance detector materials, large format FPAs and imaging electronics. Teledyne Judson Technologies is now in production of several tactical mid-wave IDCAs with Teledyne Imaging Senors and other vendor FPAs for military and commercial applications.

Teledyne Optimum Optical Systems

Teledyne Optimum Optical Systems designs and manufacturers custom optics, optomechanical assemblies, and electro-optics for use in the UV, visible and IR spectrum. Manufacturer of Optical E-O fire controls systems, complex assemblies, CRT projection, recording, reconnaissance, LLLTV, laser transmitters and receivers. Designer of Optical Assemblies for simulators including software and servo development.

The Fabrication, Assembly and Test Lab areas are temperature controlled in order to assure a quality Production has assembled a TEAM of 25+ that takes pride in it's ability to design and produce state of the art Lens Systems and Components.



Teledyne Nova Sensors

Teledyne has a rich tradition of imaging throughout the electromagnetic spectrum, as exemplified by the camera products pictured herein. Most recently, Teledyne has focused its efforts on finished camera products for gimbal, scientific, and handheld applications.

Our camera products are optimized for size, weight, and power, as well as price.

Our "on-camera" processing features empower the end-user by providing the crisp resolution, clean imagery and comprehensive information that facilitates better decisions.

Our quality and customer service is unmatched in the industry.