

# Teledyne Imaging to showcase its advanced mapping, object recognition and tracking technology at AUVSI 2019

**Waterloo, Canada – April 24, 2019** –Teledyne Optech, Teledyne DALSA and Teledyne Scientific & Imaging, all part of the Teledyne Imaging group, are pleased to announce their combined presence at the AUVSI Xponential 2019 show in Chicago, IL, April 29 - May 2. The three companies will showcase their new and advanced sensor and imaging solutions.

## **New Compact Lidar Family from Teledyne Optech**

Preview a new, lightweight, compact lidar platform for UAV deployment – the [CL-90](#) features exceptional canopy penetration, offering the lowest-noise, highest-quality survey grade data to deliver extraordinary performance in data accuracy and point precision. The CL-90 empowers full lidar performance across the entire operating altitude range of the UAV and offers an exclusive variable field-of-view capability eliminating the need for multiple passes over a target.

## **Advanced Thermal and Visible Cameras from Teledyne DALSA**

Featuring the [Genie™ Nano](#) family of low cost area cameras, their lightweight, power-efficient and compact size make them ideal for Unmanned Aerial Vehicles (UAV) applications.

The [Falcon™ 4](#), 86 megapixel ultra-high resolution and high-speed CMOS camera offers unique, capabilities for large area, high resolution, high speed imaging.

The [Calibir™ series](#), Long Wave Infrared (LWIR) cameras deliver compact, low profile thermal solutions, ideal for UAV applications such as agriculture, construction, defense, and surveying. Calibir is customizable with smart embedded algorithms and capability for real-time VIS-LWIR image fusion.

## **Artificial Intelligence for Automatic UAV Sensor Data Processing from Teledyne Scientific & Imaging**

Preview a new Artificial Intelligence (AI) software stack capable of real-time performance onboard UAVs. The AI stack enables automatic sensor processing for applications such as sensor fusion, asset recognition and tracking, and adaptive dynamic range ideal for deployment in daytime and variable light operations.

**Where:** AUVSI Xponential 2019  
Booth #2520  
McCormick Place  
Chicago, Illinois

**When:** April 30 – May 2, 2019

**Media Note:** Teledyne Imaging management will be available for media interviews during the show. For interview requests, please email [geralyn.miller@teledyne.com](mailto:geralyn.miller@teledyne.com).

**Teledyne Imaging** is a group of leading-edge companies aligned under the Teledyne Technologies [TDY] umbrella. [Teledyne Imaging](#) forms an unrivalled collective of expertise across the spectrum with decades of experience. Individually, each company offers best-in-class solutions. Together, they combine and leverage each other's strengths to provide the deepest, widest imaging and related technology portfolio

in the world. From aerospace through industrial inspection, radiography and radiotherapy, geospatial surveying, and advanced MEMS and semiconductor solutions, Teledyne Imaging offers world-wide customer support and the technical expertise to handle the toughest tasks. Their tools, technologies, and vision solutions are built to deliver to their customers a unique and competitive advantage. For more information, visit [www.teledyneimaging.com](http://www.teledyneimaging.com)

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*Teledyne DALSA reserves the right to make changes at any time without notice.*

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