

Leading Vision.



 **TELEDYNE** | Teledyne FLIR IIS



OPTIMISE YOUR PRODUCTION PROCESSES WITH TELEDYNE FLIR AND STEMMER IMAGING

Discover the synergy of advanced technology and engineering expertise

Teledyne FLIR is at the forefront of camera technology with robust and accurate cameras designed for a wide range of industrial applications. FLIR technology is designed to maximise image quality and reliability in demanding production environments.

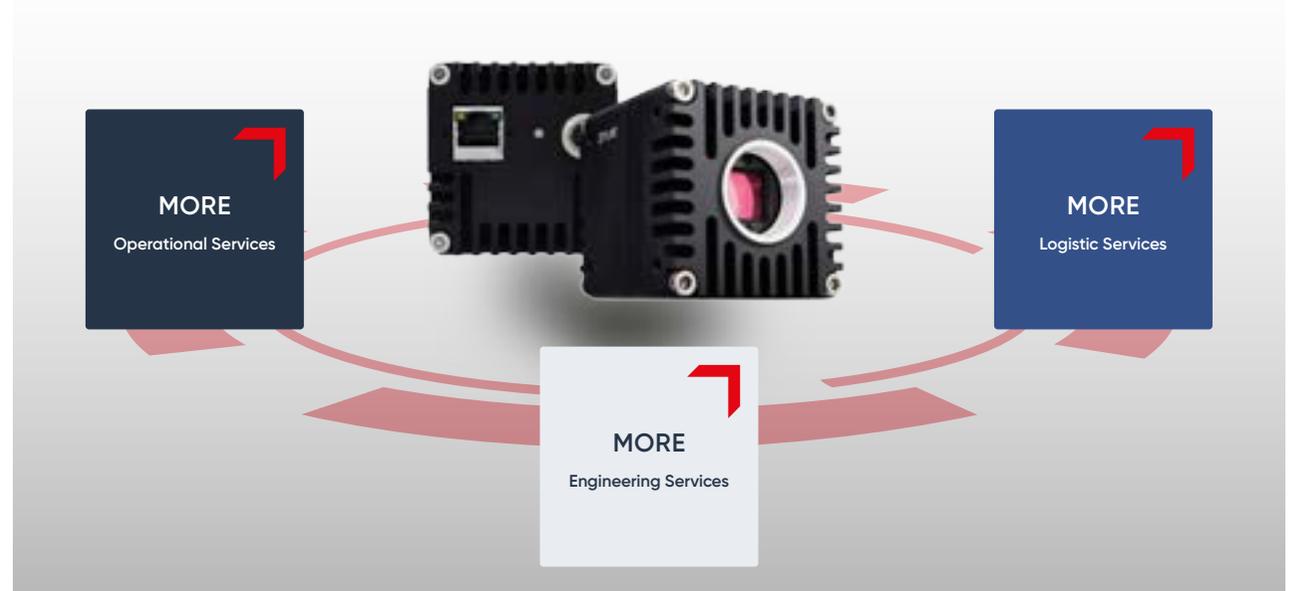
STEMMER IMAGING is the system house for innovative machine vision solutions. We offer not only hardware and software, but also comprehensive support and customer-specific services to optimise your production processes and increase the performance of your applications.

EFFICIENCY IN MODERN PRODUCTION.

Together with Teledyne FLIR, we offer comprehensive solutions that optimise your processes and revolutionise your vision systems.

The combination of FLIR's advanced cameras and specialised More Services will take your production to a new level.

- **Latest technology:** The latest camera technology for industrial applications.
- **Work more efficiently:** Reduce costs, increase productivity.
- **Fast and reliable:** Smooth integration, maximum performance.
- **Optimised logistics:** Reliable and efficient supply chains



PRECISION MEETS PERFORMANCE: DISCOVER THE LEADING CAMERA TECHNOLOGY FROM TELEDYNE FLIR.

Teledyne FLIR cameras deliver reliable results with precise imaging and multiple features - even under extreme conditions. Each model combines ease of use, simple integration and industry-leading sensor technology to ensure efficient production processes and optimised manufacturing capabilities in a wide range of industrial applications.

Ultralight and for high ambient temperatures

Blackfly S USB3 & GigE

- **Robust and compact:** The lightest camera in its class
- **Onboard storage:** Efficiently stores data directly on the camera
- **Flexible I/O:** Easy integration even into complex systems
- **Temperature resistant:** Reliability in 0°-50° ambient temperatures



The Blackfly® S combines industry-leading sensors in a compact ice cube format with powerful features for fast, accurate capture. Available in GigE, USB3, enclosure or board-level versions, it accelerates application development with automatic and precise manual control options.

Test, develop and deploy quickly

Dragonfly S USB3

- **Excellent image quality:** Perfect for detailed inspections.
- **Rugged and reliable:** Designed for continuous use in harsh environments.
- **Plug & Play:** Quick and easy to use.



The Dragonfly® S offers a modular, lightweight design for a wide range of industrial applications, from life science instrumentation to factory automation. Ideal for vision system development and use in multi-camera systems. With sensor options from Sony, onsemi and Teledyne e2v, it is ideal for embedded devices such as biometric kiosk solutions, medical imaging and automated inspection.

PRECISION MEETS PERFORMANCE: DISCOVER THE LEADING CAMERA TECHNOLOGY FROM TELEDYNE FLIR.

Beyond 5 GigE performance

Forge 5 GigE

- 7 **High temperature resistance:** Reliability in extreme conditions.
- 7 **High data rate:** High speed for demanding applications.
- 7 **Flexible configuration:** Easy integration and flexible I/O.



The Forge enables the rapid creation of robust systems thanks to a new camera platform with advanced features and sensor support. With flexible connectivity options and advanced data transfer controls, it makes it easy for OEMs to integrate and upgrade 1GigE systems that are compatible with various SDKs and GigE Vision software packages.

High-bandwidth image transfer

Oryx 10GigE

- 7 **Maximum resolution and speed:** For high-resolution, high-speed imaging applications.
- 7 **High bandwidth:** Ideal for data intensive applications.
- 7 **Reliable in all conditions:** Consistent performance regardless of external factors.



The Oryx10GigE camera family offers high-speed data transfer of up to 10 Gbps, supports the latest sensors and captures 4K images at over 60 FPS. With features such as IEEE1588 synchronisation and GigE Vision compatibility, Oryx enables long cable runs using cost-effective CAT6A or CAT5e cabling to support system development.

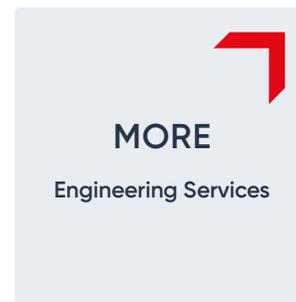
OPTIMISE YOUR PROCESSES WITH STEMMER IMAGING MORE SERVICES.

Enhance your vision systems with our comprehensive services that ensure efficiency and precision in your production. Our More Services support you in every phase of system development - from the initial idea to the final implementation.



Immediate operational readiness and optimum system efficiency thanks to precise assembly with equipment of the highest technical standard.

- ↗ **Customised assembly:** Precisely assembled and ready for immediate use.
- ↗ **Optimised software settings:** Customised configurations for maximum system efficiency.
- ↗ **Quality assurance:** Thorough testing to ensure functionality and reliability.
- ↗ **Scalable solutions:** Flexibility to meet growing or changing needs.



System optimisation and rapid implementation with individual solutions and direct expert support.

- ↗ **Leverage expert knowledge:** Access to industry-specific expertise for targeted problem solving.
- ↗ **Customised solutions:** Development of bespoke solutions tailored to your needs.
- ↗ **Feasibility studies:** Detailed analysis to assess the technical feasibility and optimisation of your projects.
- ↗ **Direct support:** Expert advice for efficient solutions to technical challenges.



Increase productivity and supply chain efficiency through reliable logistics management.

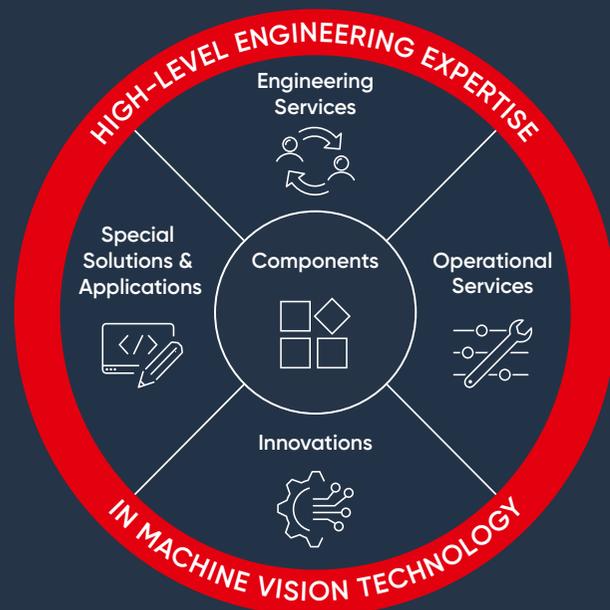
- ↗ **Inventory Optimisation:** Reduce warehousing costs through efficient inventory management.
- ↗ **Rapid Response:** Agile supply chain management for faster delivery.
- ↗ **Cost efficiency:** Supply chain optimisation to reduce total cost of ownership.
- ↗ **Reliable supply partners:** Working with proven logistics partners for consistent delivery quality.

INCREASE YOUR PRODUCTIVITY WITH TELEDYNE FLIR AND STEMMER IMAGING MORE SERVICES

Realise the full potential of your industrial applications with leading camera technology and comprehensive support services. The combination of Teledyne FLIR cameras and STEMMER IMAGING's More Services gives you the tools to optimise the efficiency, quality, and performance of your systems.

We are available for a consultation to show you how our solutions can transform and optimise your production processes. Simply use our callback service and our team of experts will contact you immediately.

You can also discover our More Service World, which provides a comprehensive insight into our operational services.



STEMMER IMAGING is the leading international systems house for machine vision technology.

With a background of all-round engineering expertise, STEMMER IMAGING delivers the entire spectrum of machine vision services for both, industrial and non-industrial applications – from value-added services to the development of subsystems and its own products, based on an extensive commercial range of products.

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