Ultra High Speed Imaging for Scientific Research

1 billion fps and beyond...
Delivering individual, specific ultra high-speed solutions that meet our clients needs exactly, whatever the application.

That's our commitment.

Our company

Specialised Imaging is an internationally renowned company that focuses on the design and manufacture of ultra-high-speed imaging cameras for industrial, scientific and defence research applications.

The company was formed in 2003, its founder members having previously worked together in the high-speed imaging field and bringing over 80 years' combined experience to the venture.

Specialised Imaging has successfully launched many new and innovative ultra-high-speed imaging systems.

The company is at the forefront of world-wide innovation in the high-speed imaging field, having won the BEEA's Small Company of the Year award in 2009 and the Queen's Award for Enterprise in 2011.

This commitment to development has enabled the company to establish a reputation as an exciting and creative player in the high-speed camera market.

Supporting you... and your camera

At Specialised Imaging we relish new technological challenges, and we enjoy creating effective solutions. Producing a system that exactly meets your requirements, demands a company prepared and able to create specific optimised solutions.

Specialised Imaging has a strong track record in working with clients to design and develop new functions and facilities that fulfill their requirements.

This level of commitment and support continues throughout the life of your product – on-going advice, problem-solving and the design and reconfiguration of software are all part of our after-sales service.

World-wide partnerships

To provide you with a total ultra-high-speed imaging solution, we have formed strong, strategic relationships with manufacturers in a variety of related fields. These strategic partnerships enable us to offer fully optimised imaging systems that include illumination, optical components, supports and triggering devices.

Close cooperation with our major suppliers also allows us to access and incorporate custom-designed components to specifically enhance the performance of our systems.

Our reputation today extends worldwide with customers in North America, Asia-Pacific, Europe and the Middle East regions.

Innovative imaging solutions that incorporate the latest technological advances.

That's our passion.
The ultimate High-Speed video camera that combines the flexibility of video technology with the resolution of the ultra high speed framing camera.

Unique hybrid sensor design enables a new breed of camera combining high resolution and high speed in a no compromise design. Full resolution maintained at all speeds.

Up to 11 consecutive events can be captured at a rate of 250ms per event. 2s of video can be stored when operating at 1,000fps.

The Specialised Imaging Tracker2 is the successor to the popular Trajectory Tracker Flight Follower System.

In order to fully evaluate the failure modes of projectiles, it is often necessary to observe the performance of the round over a significant portion of its trajectory.

To achieve this with a number of single shot cameras would be prohibitively expensive.

The Specialised Imaging Tracker2 is built-in multiple triggers for real-time tracking and full remote control of the sturdy mount contribute to the natural evolution of this award-winning system.