Odos Imaging. See more.

3D time-of-flight and **freeze motion** cameras that deliver powerful solutions to **industrial and scientific imaging** applications

Products

StarForm

Unified 3D time-of-flight + 2D imaging

StarForm™ cameras incorporate state-of-the-art time-of-flight technology to deliver range and intensity measurement at each pixel over the complete image area.

StarStop

Freeze motion imaging + Event recording

The StarStop™ camera has been designed specifically to capture and record a large number of images in a short period of time that can be downloaded rapidly for later review.
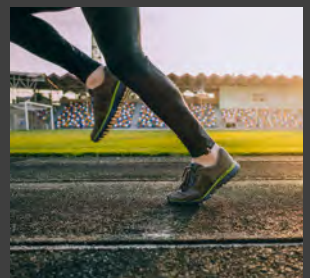
Applications

3D TIME-OF-FLIGHT
• Logistics - pallet management
• Logistics - palletisation/de-palletisation
• Carton/Object - dimensioning and profiling
• Factory Automation - completeness check
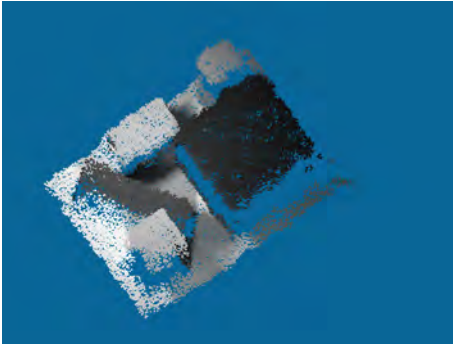• Agriculture - growth management

FREEZE MOTION
• Impact testing and analysis
• Ballistics analysis
• Spray analysis and particle tracking
• Pressure and stretch failure
• Movement and vibration analysis
• High speed assembly and robotics
• Destructive testing and stress failures
• High speed rotation
• Eye movement

Technology

The technologies that Odos Imaging have developed are driving rapid change in the 3D and freeze motion imaging markets.
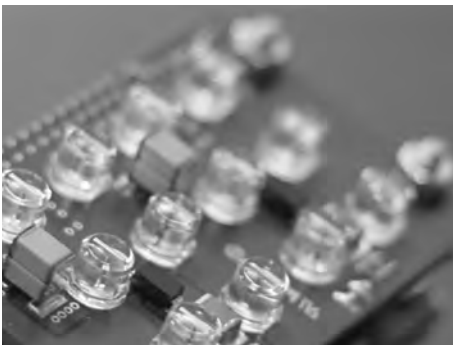
TIME-OF-FLIGHT

Advanced time-of-flight technology can instantly capture high-resolution 3D and 2D images of complex scenes, providing greater insight and understanding in imaging applications.
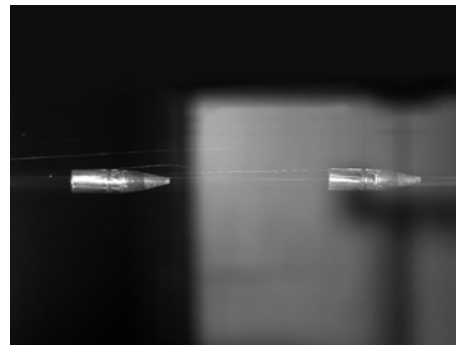
FREEZE MOTION

Rapid burst recording combined with integrated strobe lighting, results in clearer and sharper images of critical events.

STROBE LIGHTING

Ultra-short, high-intensity strobe lighting incorporating laser diodes and LED technology, allows for precise measurement of range, as well as clearer, sharper motion imaging.

PRECISION TIMING SEQUENCER

Fully integrated digital timing sequencer gives precise nanosecond control of image acquisition and unparalleled flexibility of operation.

Company

Odos Imaging is a technology and manufacturing company specializing in the development and manufacture of advanced cameras for industrial and scientific sectors.

Core technologies are targeted on 3D time-of-flight and freeze motion applications. The unique capabilities developed by Odos have been incorporated into two camera product families.

Founded in 2010 and based in Edinburgh, Scotland, Odos Imaging are expert in imaging technology for logistics, industrial automation, agriculture and other demanding applications.

The team at Odos are passionate about advanced imaging techniques and are dedicated to providing customers with the best possible products, support and advice.

Meet some of the team

CHRIS SOFTLEY
VP SYSTEMS DEVELOPMENT

RITCHIE LOGAN
VP BUSINESS DEVELOPMENT

CHRIS YATES
CEO

Services

DEVELOPER PROGRAMME

The programme is designed to ease and accelerate the development of new 3D solutions for industry.

Active developers of 3D solutions in industrial sectors can access key benefits for their projects and take advantage of all the latest developments and expertise at Odos Imaging, to accelerate deployment and ensure optimal hardware configuration.

OEM SOLUTIONS

Our core technologies are available on a licencing basis for integration into products requiring advanced imaging capabilities.

From licencing our software, to delivering FPGA IP cores or developing customised hardware modules we are here to provide the help, support and expertise to match each customers detailed requirements. Our expert engineers are available to assist in the integration of our technologies into any products and to undertake customisation of our software to meet specific needs.

SUPPORT

Our technical experts are here to help with any aspect of using or setting up Odos cameras.

One of our primary goals is to provide our customers with the tools necessary to install, configure, and use our cameras. We have experienced, well-trained application engineers available to assist in getting up and running. Our highly skilled experts are happy to answer any questions.

It is easy to contact us to tell us about your application:

+44 (0) 131 650 7756
info@odos-imaging.com
www.odos-imaging.com