

High Speed Imaging

Company

Contact

PROMON Image Streaming

While Image Streaming and other industrial vision systems is a rapidly growing business unit of AOS Technologies, our core business is high speed imaging and motion analysis solutions.

Examples from our wide range of compact and self-contained high speed cameras:



X-PRI

800 x 600 pixels
1000 frames/sec
Built-in battery
Image memory (5.2GB max)
Options available for higher resolution, higher frame rates
Ideal for all industrial and research applications



X-VIT

1280 x 1024 pixel
32'000 fps (reduced resolution)
Ruggedized (up to 100G)
Ideal for automotive safety testing applications

Please inquire for more details or other cameras for specific applications.

AOS Technologies AG is a Swiss company, originally founded in 1998 and dedicated to the field of industrial imaging solutions, especially high-speed imaging. With research and development, production, software development, marketing, sales and customer support all under one roof, AOS Technologies is your one-stop shop for industrial imaging solutions.

AOS is a member of the HT-Holding AG.



AOS is represented worldwide by a network of dedicated distributors.

Please contact us for the address of your local AOS representative.

Your local AOS partner:



Imaging for smart decisions

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Imaging for smart decisions

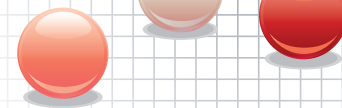


Image Streaming

Industrial and machine vision systems are essential in a manufacturing world heading for high efficiency and productivity as well as providing the necessary quality standards.

Your process does not allow an instant quality check but the time between a production step and the quality check are minutes away?

High speed image streaming is the answer

What is high speed image streaming?

Recording at high frame rates to a hard disk with partial or full motion analysis

Applications include:

- Process monitoring
- Web and surface inspection
- Flow analysis
- Medical imaging
- Material testing
- Packaging
- Sports
- Food processing
- Installation, fine-tuning, maintenance, trouble-shooting on machines and systems and more...

Services

AOS Technologies not only offers carefully selected components and complete image systems – but what really sets us apart are our services:

Pre-sale phase

- Feasibility studies
- Basic concepts incl. estimated project costs
- TCO Analysis (Total Cost of Ownership Analysis)

Project phase

- Detailed concepts
- System design and layouts
- Evaluation of system components
- Implementation, Integration
- Function tests
- Software parameterization and configuration
- Installation
- Performance tests and validation
- Operator training

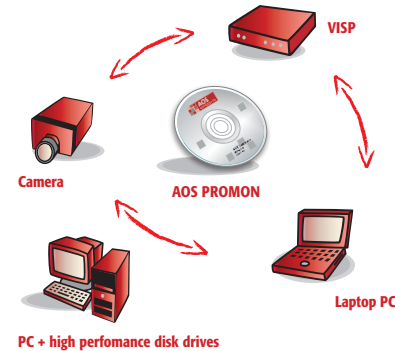
Post-sale phase

- Update and upgrade (hardware and software)
- System extensions
- Performance monitoring
- Maintenance, troubleshooting, repair

Systems

Components can be carefully selected and integrated into a system for optimal performance.

AOS Technologies is offering its high speed image streaming technology in a number of systems. Some of them are based on the customers existing inventory to provide the best economical value, while others are turnkey and ready-to-use systems consisting of all components needed for an immediate start.



Components

Customers with their own vision knowledge can build or expand their vision systems by using specific **system components** from our wide portfolio:

- **Cameras**
Digital Industrial Vision cameras
- **Software**
- **Vision Controllers**

Accessories expand the versatility of your components even further:

- **Optics**
Lenses
Endoscopes, borescopes
- **Illumination**
LED based lights
LED stroboscopes
- **Camera mounts**
- **Data Interfaces**
- **Data management systems**

