

PROMON-PC Image Streaming System

PROMON-PC – Image Streaming

- Up to 200 frames / sec
- VGA resolution (640 x 480 pixels)
- Streaming for 20 seconds directly to PC RAM



Laptop PC, camera and IEEE1394b interface (PCMCIA)

PROMON-PC offers continuous high-speed image streaming to PC RAM. The ideal tool for a wide range of applications from industrial troubleshooting to bionics research.

Key features

PROMON-HD consists of three system components:

- Small camera with VGA resolution and IEEE1394b (Firewire B) data interface
- PC Controller for camera control and to record images in its solid state memory (RAM). PC needs an IEEE1394b (Firewire B) data interface to connect with the camera. If not built-in as a standard, this data interface can be added in the form of a PCMCIA (for Laptop PC's) or PCI (for desktop PC's) card
- AOS PROMON Studio control software

Advantages

- Ultra compact camera fits into tight spaces
- Cost effective high-speed imaging system
- Standard PC controller*, eliminating the need for a specific «camera controller»
(* see page 2 for recommended PC specifications)

Applications

PROMON-PC is the ideal compact high-speed imaging system for

- Industrial process monitoring
- Web inspection
- Surface inspection
- Flow analysis
- Medical imaging
- Material testing
- Sports / sport equipment analysis
- Motion analysis
- Installation, fine tuning, maintenance and trouble shooting on machines and systems



PROMON – configuration

PROMON offers exceptional freedom in its configuration

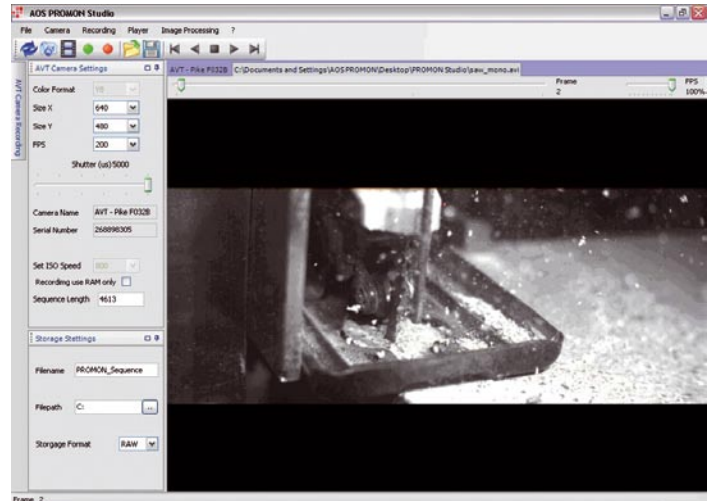
- The minimum configuration is the AOS PROMON Studio software. Camera, interface and PC are supplied by the end-user.
- PROMON-PC Bundle: Camera, interface and AOS PROMON Studio software. The computer is supplied by the end-user.
- Ready-to-use: a turnkey package with camera, interface, software and PC for immediate use.

Accessories

- Lenses
- Camera mounts
- Data interfaces
- Data storage solutions
- Motion Analysis software

Services

- Installation
- Performance tests
- Upgrades, updates
- Warranty extensions
- Maintenance contracts
- Financing, leasing



AOS PROMON Studio control software features an easy to operate user interface.

PROMON-PC specifications

Frame rates	Up to 200 fps @ 640 x 480 pixels
Recording time	Typically 20 seconds with the below specified PC (2GB RAM). Circular buffer recording possible. Longer recording time with reduced camera resolution.
Camera resolution	1/3" CCD sensor 640 x 480 pixels (VGA) or 320 x 240 or 160 x 120 pixels
Controller PC (recommended)	CPU: Dual Core 2.2GHz RAM: 2GB DDR-RAM OS: WinXP / SP2 IF: IEEE1394b
Data interface (camera)	IEEE1394b
Data interface (PC)	Gigabit Ethernet
Dimensions (camera)	97 x 44 x 44mm
Weight (camera)	0.25 kg

Specifications are subject to changes without prior notice – v1107

AOS Technologies manufactures also high speed cameras with Frame rates up to 32,000 fps.
Please inquire with your local AOS distributor for details.

Your local AOS partner:

Project engineering

- Feasibility studies
- System designs
- Integration
- TCO analysis
(Total Cost of Ownership)

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