

PROMON-HD *Image Streaming System*

PROMON-HD – Image Streaming

- 1 to 200 frames / sec
- VGA resolution (640 x 480 pixel)
- Streaming for 30 minutes and longer, directly to hard disk



PROMON-HD offers continuous high-speed image streaming directly to a hard disk(s) for minutes or hours. The ideal tool for a 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 with hard drive(s) for camera control and storing recorded images on its hard drive(s)
- AOS PROMON Studio control software

Advantages

- Ultra compact camera, fitting into tight spaces
- Cost effective high-speed image system

Applications

PROMON-HD 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



AOS products and solutions are available from distributors and OEM partners. Please contact us for details of your local distributor.

Imaging for smart decisions

PROMON – configuration

PROMON offers exceptional freedom regarding its configuration

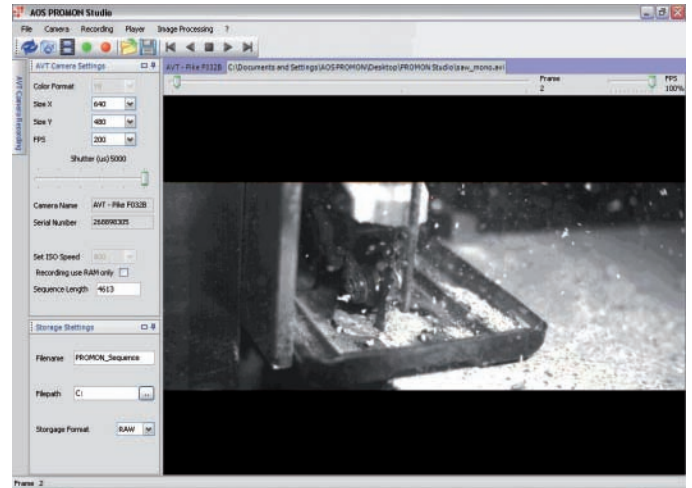
- PROMON HD is available as a turnkey system for immediate use, incl. camera, PC, software and accessories
- System integrators may choose to buy the PROMON Studio software only, and to setup and integrate the PC controller and camera themselves

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-HD specifications

Frame rate	1 to 200 fps @ 640 x 480 pixel
Recording time	Typically 45 minutes (at 200fps) with the below specified PC and HDD. Longer recording time with reduced camera resolution.
Camera resolution	1/3" CCD sensor 640 x 480 pixel (VGA) or 320 x 240 or 160 x 120 pixel
PC Controller	CPU: Dual Core 2.2GHz RAM: 2GB DDR-RAM OS: WinXP / SP2 IF: IEEE1394b, GigE
Hard disk system	500GB total capacity SATA 2
Data interface (camera)	IEEE1394b
Data interface (PC)	Gigabit Ethernet
Dimensions (camera)	97 x 44 x 44mm
Dimensions (PC)	220 x 210 x 350mm
Weight (camera)	0.25 kg
Weight (PC)	6.30 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.

Project engineering

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

Your local AOS partner:

AOS Technologies AG
Taefernstrasse 20
CH-5405 Baden-Daettwil
Switzerland
Phone +41 56 483 34 88
Fax +41 56 483 34 89
www.aostechnologies.com
Info@aostechnologies.com



Imaging for smart decisions