

The Overall System for Everywhere

- Portable Case Unit for Mobile Application
- Separate MicroCam Camera Head
- Small and Fast Exchangeable
- For Restricted Access Recording
- For Hazardous Environment Recording
- Shock Proof up to 70G
- Variable Frame Rate 18 to 30,000 Frames per Second
- Variable Resolution from 160(H) x 10(V) to 1,280(H) x 1,024(V) Pixel
- 1,5 sec. Recording Time at 500 fps* & Full Resolution
- Quick Setup & Recording, Easy Editing & Export
- Single Images in BMP & AVI Format

Visualize the Invisible

A picture tells a story. What do 500 pictures tell about a second's event? Modern machines and production processes are too fast for visual analysis with the naked human eye. High speed video slows a second down to a minute – providing insight that helps to immediately understand what's going on. No more guessing and trying.

See – know – act ...and win. Slow motion provides competitive advantages through faster, better understanding of fast processes. Faster progress is seen in R&D, engineering, production, quality assurance and maintenance. Even nature has much to offer in slow motion: Sports, ergonomics, medicine, bionics can benefit from High Speed Video.



MikroCam captures it ... everywhere

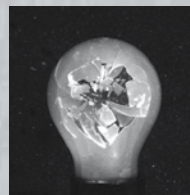
1,3 megapixel images captured 500 times a second bring clarity to any natural or artificial dynamic event. Much higher speeds can be achieved by reducing image size. Hazardous environments? 70-G shock-proof MikroCam lends itself to recording blasts or crash tests aboard the crash object, without risk of losing images nor of the whole unit.

Flexible in Resolution and Speed

Free selection of RoI (Region of Interest) and frame rate enables the system to flexibly match any given recording situation. A few mouse clicks let you adjust the image sector to capture just as much as you need, at the required speed to see it sharp. A background maximizer calculates and sets best speed per RoI-size or best RoI per selected speed.

What happened before? - History Function

Once started, the system records continuously to the image FIFO-buffer. The trigger signal starts the finishing process of the recording sequence. The history function lets the buffer keep a set number of frames in memory and fill the rest with post-trigger recording. Thus you can learn what made things happen that way. History size can be set from 0 to 100% of recording time.



Portable High Speed Video System MotionBLITZ® Compact XP

Specification:

Mobile PC in a robust light-metal case

Image Buffer for 1,5 sec. Full-Image Recording
15" TFT color display
80 GB Harddisk
DVD recorder, 3,5" Floppy Drive
1x Serial, 1x Parallel, 3x USB 2.0 Interfaces
Ethernet PC-to-Network Interface
Windows™XP Professional, Multi-lingual
MotionBLITZ® Director for Setup, Control, Analysis, Editing and Export of Slow Motion Videos
High Speed MikroCam in Monochrome or Color
Lenses at Own Option, C or F Mount
15 ft. or 30 ft. Camera Link® Camera Cable



Frame Memory	Frame Rate	Resolution	Recording time at 1,280(H) x 1,024(V) and 500 fps *
1 GByte	18...500 fps* at full resolution	1,280(H) x 1,024(V) Pixels	1.5 sec.
	up to 30,000 fps* at reduced resolution	down to 160(H) x 10(V) free selectable	

*fps: frames per second

MotionBLITZ® Director

A powerful and easy-to-operate user interface for all MotionBLITZ® products. Setting up camera and scenery, adjust RoI, select recording speed – and go. After recording, review the sequence, mark what is important and save it to images or videos for anyone else's review. Save to DVD or network drive - or just see, understand and fix it.

Whatever your job or intention is, MotionBLITZ® Director and a capable MotionBLITZ® recording system will make your job easier.



Accessories (optional):

- Lighting: Film lights, cold light sources, LED lighting
- Objective Lenses: Standard lenses in C-Mount and F-Mount, special lenses according to your individual needs
- Camera Stands: Robust tripods, flexible multi-purpose camera arms and specialties
- Camera Extension: For distances exceeding 10m/30ft, fiberoptic extensions up to 1,000m / 3,000 ft are available