

# ImageExpress™ . . . Model 200

The *ImageExpress* Model 200 is a state of the art digital image processing workstation. It has been designed to satisfy the functional requirements common encountered when handling large volumes of digital imagery;

- Control and download of digital cameras
- Real time capture from analog sources (MAS Model)
- Easy to use auto tracking motion analysis
- Huge capacity, high performance RAID storage
- CD-R publishing with free "Vision" viewer
- Optional storage/archive options including DVD-RAM reader/writer and high capacity tape drive



The control and download functions are designed specifically to maximize the usefulness of the Redlake MASD digital imagers. A capability to download multiple imagers in parallel dramatically reduces image capture time. The high performance RAID storage system easily handles the high throughput required as well as making the Model 200 an ideal imager server system.

Use of dual 1.7 GHz CPUs results in blazing performance that adequately supports the multi-channel network connection system and high speed RAID interface.

SAI's state-of-the-art industry standard motion tracking software permits measurement to be derived from the imagery quickly and easily.

The built in CD-Write function makes assembling CD-R's with imagery, sensor data and a viewer for customer use as simple as clicking on one button.

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## **Features:**

- Multi channel control and download of Redlake MASD digital imagers
- Image quality – colorization, brightness, contrast, sharpening and compression under user control
- Analog video capture from NTSC and PAL composite and Y/C sources with user selectable compression, including uncompressed at full frame rate (MAS Model)
- Hardware based RAID storage combines huge capacity with fast average access time
- Built in high-speed CD reader/writer drive reduces the time to write a 650 Mbyte CD-R

## **Hardware:**

- Dual 1.7 GHz Intel Xeon Processors
- Motherboard – 400 MHz Front Side BUS
- 512 Mbyte RAM
- 36 Gbyte Ultra 160 Hard Drive (10,000 rpm's)
- 400 Gbyte on-board RAID
- RAID hardware controller
- Yamaha CD Re-Writer drive
- 1.44 Mbyte floppy drive
- Matrox Meteor II video digitizer card (MAS Model)
- Quad port Ethernet card
- AGP video card

## **Options:**

- Quad 1 GHz Intel Pentium III CPUs
- 1.5 Gbyte RAM
- 72 Gbyte local hard drive
- Additional RAID storage
- DVD Re-Writer drive
- Magneto/optical drive
- 2<sup>nd</sup> Quad port Ethernet card
- 40 Gbyte tape back system

## **Feature reduction options:**

- Delete NTSC video capture/playback capability
- Reduced RAID capacity
- Replace motion analysis software by simpler edit and review software
- Delete the CD authoring software feature

## **Physical:**

- Power: 110 VAC 60 Hz
- Weight: 150 lbs
- Size: 20" (w) x 30" (h) x 30" (d)

## **Warranty:**

- 1 year



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