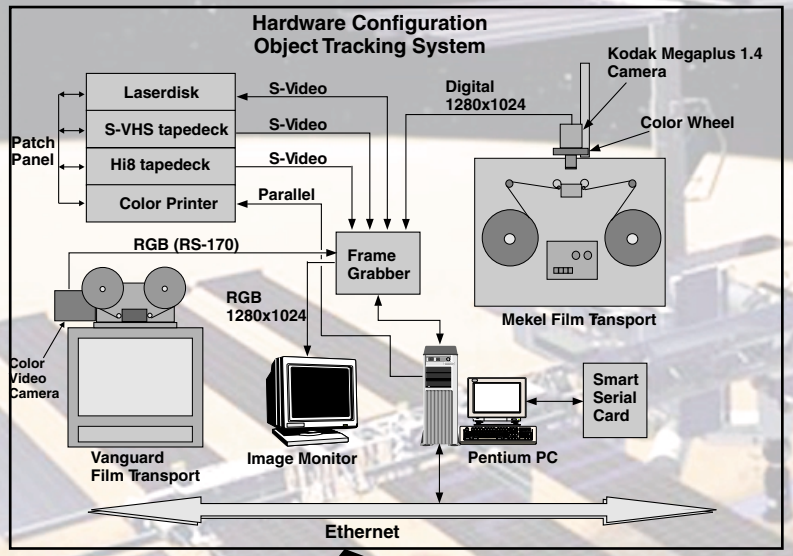
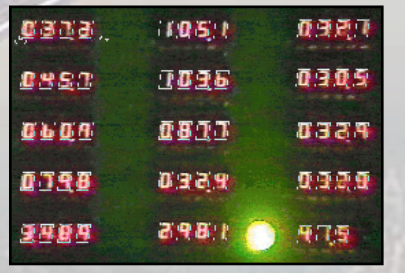
Glenn Research Center

Flow Visualization: Object Tracking and Image Analysis



- **Analysis tools:**
  - Manual tracking area of interest
  - Threshold tracking area of interest
  - Active contour tracking area of interest
  - Pattern match (correlation) area of interest
  - Optical character recognition
- **Image processing tools:**
  - Thresholding
  - Filtering
  - Equalization
  - Edge detection
  - Histogram
  - Chroma/luminance separations
  - Arithmetic