

Dage Investigator

Integration Control of CCD Cameras

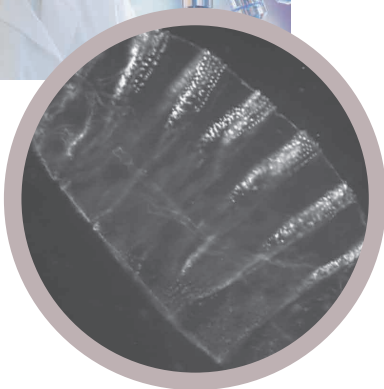
DAGE-MTI

dage technologies

Features and Benefits

The Investigator provides integration control and video storage of CCD cameras requiring sensitivity in low light level applications. Designed as a stand-alone unit, the Investigator allows timing control and memory storage and display without the need of a frame grabber board or computer.

When coupled with the CCD-100, CCD-300 or IR-1000 cameras, the resulting system produces brilliant images from low-light fluorescence to brightfield.



Sample Image from the Investigator

Well suited for the following applications:

- Brightfield, Phase Contrast, and Darkfield Microscopy
- Flourescence Microscopy
- Semiconductor Inspection
- Manufacturing Quality Control
- Failure Analysis
- Forensic Analysis
- Teaching Environment

Integration Times	2 frames to 2048 frames
Signal Level LED	Multi-color signal level to ensure optimum setting of integrated image
Live Button	Toggles between live video and captured integrated video
ACT Button	Initiates integration sequence
RUN/SGL Switch	Captures single event or provides continuously updated integrated output

Specifications

Digital Resolution	768 (H) x 480 (V) x 8 bits
Video Input	525/60 (RS-170) or 625/50 (CCIR)
Voltage Input	85VAC to 250VAC, 50/60 Hz
Size	Control: 5 1/2" (W) x 1 1/2" (H) x 8" (D) Power Supply: 2 1/2" (W) x 1 1/2" (H) x 5" (D)
Weight	Control: 1.6 lbs. Power Supply 0.7 lbs.