

ECVIDEO

High Speed Portable ECVideo Recording System

ECVIDEO is a portable and affordable diagnostic tool for plant engineers. It incorporates a PC-based video "event capture" recorder for the paper, packaging, printing and bottling industries. Using one or more PC-controlled B/W or color all digital video cameras, the system lets controllers monitor operations in real-time with high-speed, high-resolution digital video technology. Upon triggering by an event such as a jam, break or spill, the system captures footage from all relevant cameras before, during and after the event for replay in slow motion.

This ability to capture video images of an event at high speed allows problems to be diagnosed immediately, leading to savings through reduced downtime, less wastage, and less chance of misdiagnosis - resulting in improved productivity.

Other advantages of the ECVideo System:

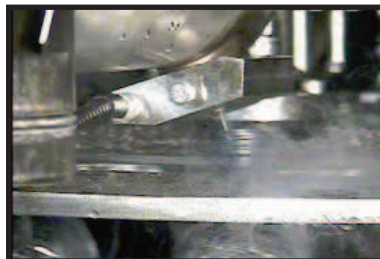
- Reduced downtime
- Less wastage
- Less change of mis-diagnostic
- Improved productivity

ECVIDEO is not just a diagnostic tool. The system can incorporate reporting and classification tools, making it easy to store, sort and manipulate event records for future statistical analysis. This supports process improvement initiatives such as Six Sigma.

SAMPLES IMAGES FROM THE ECVIDEO SYSTEM



BOTTLING LINE



WINDER RUNNING 2400 MPM



PRINTING PRESS

NEW ALL DIGITAL RECORDER AND CAMERA:

ECVideo new all digital recording technology is the latest in video recording technology. Standard GigE Vision communication allows the cameras to transmit high quality images over the 1 Gigabit Ethernet network for long distances without any disturbances in the image quality.

The system has several options for different resolution of the cameras including 640x480 and 1024x1024. The camera frame rates can be selected from up to the 500 fps to 60 fps. The intel based processor can handle up to four cameras with one computer.

ECVIDEO 500 PORTABLE HIGH SPEED VIDEOTROUBLESHOOTING SYSTEM

- Record full 500 fps x 1280 x 1024 x 8 bits monochrome to RAM or disk
- To disk or RAM at 1599 fps x 640 x 480
- Disk based system with total of 1024 Megabytes or 25 minutes
- Includes 15" monitor portable PC
- High speed frame grabber. IRIGB time stamp
- SSD drives
- Dimensions:
29 cm (h) x 40 cm(w) x 23 cm (d)
11 in (h) x 16 in (w) x 9 in (d)



ECVIDEO 200 PORTABLE VIDEO TROUBLESHOOTING SYSTEM

- Rugged portable laptop
- Touch screen
- Available with GigE, FirewireB or camera link cameras

OPTIONS

- 1 CAMERA** at 200 fps x 640 x 480 x 8 bits monochrome or color
- Record for over 125 min in uncompressed format
- Record for over 27 hours at 75% JPEG compression ratio
- 2 CAMERAs** at 90 fps x 640 x 480 x 8 bits monochrome or color
- Record for over 140 min per camera in uncompressed format
- Record for over 31 hrs per camera at 75% JPEG compression ratio



CONMARK
Conmark Systems, Inc.
www.conmark.com
770-300-0224
info@conmark.com